the nature network®

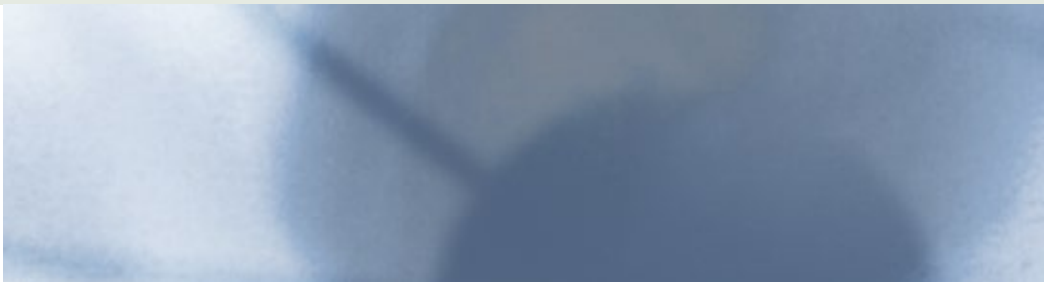
PhytoLab

Reference Substances

phy|proof®

Proof of Quality for Markers

2018/2019



Contents

	Page
Welcome	4
Our Services	5
Reference Substances	6
Index I: Alphabetical List of Reference Substances and Synonyms	156
Index II: Plant-specific Marker Compounds	176
Index III: CAS Registry Numbers	214
Index IV: Substance Classification	224
Our Reference Substance Team	234
Order Information	237
Order Form	238
Prices	insert

Welcome to our new 2018 / 2019 catalogue!

PhytoLab proudly presents the new 2018 / 2019 catalogue of **phy**proof® Reference Substances. The seventh edition of our catalogue now contains well over 1300 phytochemicals. As part of our mission to be your leading supplier of herbal reference substances PhytoLab has characterized them as primary reference substances and will supply them together with the comprehensive certificates of analysis you are familiar with.

Our **phy**proof® Reference Substances will be valuable tools for you regardless of whether you use them for quality control purposes of herbal raw materials, extracts, finished herbal medicinal products, dietary supplements or food products, for general scientific projects at universities or research organizations, or during your screenings for new drug candidates in the pharmaceutical industry.

Our full product range is also conveniently accessible through our **phy**proof® webshop at http://phyproof.phytolab.de which provides easy online ordering facilities after a simple registration procedure. In addition to price and availability information our webshop also contains physicochemical data, information on shipping & storage conditions as well as safety data and customs tariff code information for all our **phy**proof® Reference Substances. Once registered you will also be able to view exemplary certificates of analysis and download material safety data sheets (MSDS).

We very much hope that our product portfolio meets your expectations. The list of substances will be expanded even further in the future, based upon current regulatory requirements and new scientific developments. The most recent information will always be available on our web site. However, if our product list does not include the substance you are looking for please do not hesitate to get in touch with us. We will make every possible effort to comply with your requests. Our worldwide network of partners enables us to supply virtually every substance you may be looking for in the shortest time possible. We can also isolate the needed substance in our fully equipped laboratory facilities in accordance with your individual requirements!

How to use this catalogue
The main part of the catalogue is the comprehensive list of **phy**proof® Reference Substances which are listed in alphabetical order according to vernacular name. This listing contains the chemical structure, the molecular formula and weight, the CAS registry number, and common synonyms of each compound. If you are unable to find the substance you are looking for please use the four additional indices that we have included for your convenience:

Index I contains an **alphabetical list of all substances and their synonyms**. It provides information which name of a reference substance is used in this catalogue and guides you directly to the correct page.

If you are a planning to analyse a specific plant please look for the botanical name in **Index II**. It will inform you about **common marker compounds** for this herb.

Index III contains a list of the current **CAS registry numbers** for each reference substance.

Finally, in **Index IV** we have sorted all reference substances by structure based on the **class of natural compounds** that they belong to.

Our mission
Our goal is to supply our customers with reference substances of unique purity in accordance with the PhytoLab quality philosophy. Our team is committed to provide quick and efficient customer service. We appreciate all your future requests!

Welcome to our new 2018 / 2019 catalogue!
Welcome to the nature network®!

Our Services

Documentation
phyproof® Reference Substances are **Primary Reference Substances*** as defined by the European Pharmacopoeia and other international organizations.

phyproof® Reference Substances are delivered at no extra cost together with:

- a **data sheet** with general information including the structural formula, molecular formula, molecular weight, CAS registry number, as well as the recommended storage conditions, handling instructions, and general safety information

- a **certificate of analysis** usually including*
  - ☐ a description of general properties
  - ☐ a list of the identity tests the substance passed
  - ☐ a certified absolute content considering chromatographic purity as well as content of water, residual solvents and inorganic impurities

* Very few exceptions apply to **phy**proof® Reference Substances available in limited quantities only. For detailed information on the analytical documentation delivered with each reference substance please refer to our price list, visit our webshop at http://phyproof.phytolab.de or contact our headquarters or one of our area representatives.

Material safety data sheets (MSDS) are automatically provided with hazardous substances and are available for all other **phy**proof® Reference Substances upon request.

For **marketing authorization purposes** we deliver **phy**proof® Reference Substances with full documentation (CTD module 3.2.S.5 / 3.2.P.6) including the following data and information:

- NMR (^{1}H and ^{13}C) incl. spectra interpretation
- LC-MS / MS or GC-MS incl. spectra interpretation
- FT-IR
- TLC
- elemental analysis
- two independent chromatographic methods, fully described and validated
- water content (coulometric Karl Fischer titration)
- residual solvents (headspace GC)
- inorganic impurities (ICP-MS)

We offer **custom packaging!** Nearly all our **phy**proof® Reference Substances can be packed according to your specifications. Custom packs containing exactly the quantity that you require for your analytical needs is our specialty. Take advantage of our individual service and maximum possible flexibility.

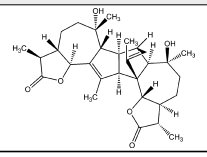
Furthermore, **the exact weight with two decimals** is given on the label of each vial, thus allowing the preparation of well-defined standard solutions without losing any valuable material

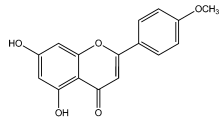
Isolation or purification of substances on request for your specific needs, together with full analytical documentation, and in every desired quantity.

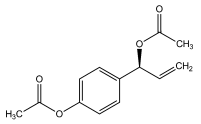
If you are looking for a reliable source for the identification and documentation of natural substances we at PhytoLab can guarantee excellent service.

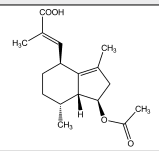
Our experience is your advantage!

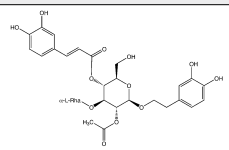
Reference Substances

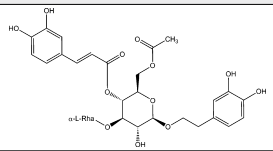
Absinthin		Product # 84170
	CAS #	[1362-42-1]
	Molecular formula / Molecular weight	$C_{30}H_{40}O_6$ / 496.64 g/mol
	Synonyms	–

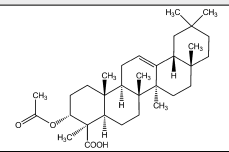
Acacetin		Product # 89482
	CAS #	[480-44-4]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	Apigenin 4'-methyl ether; Buddleoflavonol; 5,7-Dihydroxy 4'-methoxyflavone; Linarigenin; 4'-Methylapigenin

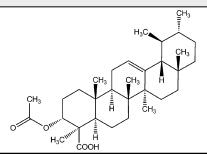
1'-Acetoxychavicol acetate		Product # 82458
	CAS #	[52946-22-2]
	Molecular formula / Molecular weight	$C_{13}H_{14}O_4$ / 234.25 g/mol
	Synonyms	Galangal acetate

Acetoxyvalerenic acid		Product # 89151
	CAS #	[84638-55-1]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_4$ / 292.38 g/mol
	Synonyms	Acetylvalerenolic acid

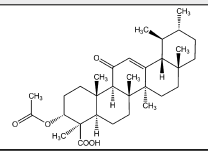
2'-Acetylacteoside		Product # 83476
	CAS #	[94492-24-7]
	Molecular formula / Molecular weight	$C_{31}H_{38}O_{16}$ / 666.63 g/mol
	Synonyms	2'-Acetylverbascoside

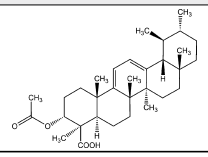
6-Acetylacteoside		Product # 89554
	CAS #	[441769-43-3]
	Molecular formula / Molecular weight	$C_{31}H_{38}O_{16}$ / 666.63 g/mol
	Synonyms	6''-O-Acetylverbascoside

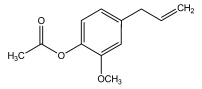
3-O-Acetyl α-boswellic acid		Product # 89555
	CAS #	[89913-60-0]
	Molecular formula / Molecular weight	$C_{32}H_{50}O_4$ / 498.75 g/mol
	Synonyms	α-Boswellic acid acetate

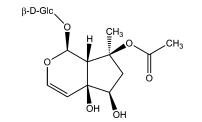
3-O-Acetyl β-boswellic acid		Product # 89152
	CAS #	[5968-70-7]
	Molecular formula / Molecular weight	$C_{32}H_{50}O_4$ / 498.75 g/mol
	Synonyms	β-Boswellic acid acetate

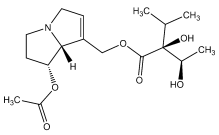
If your substance is missing please check our alphabetical index of synonyms on page 156.

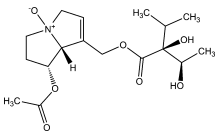
3-O-Acetyl 11-keto-β-boswellic acid		Product # 89153
	CAS #	[67416-61-9]
	Molecular formula / Molecular weight	$C_{32}H_{48}O_5$ / 512.73 g/mol
	Synonyms	AKBA; 11-keto-β-Boswellic acid acetate

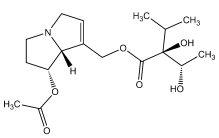
3-O-Acetyl 9,11-dehydro β-boswellic acid		Product # 83240
	CAS #	[122651-20-1]
	Molecular formula / Molecular weight	$C_{32}H_{48}O_4$ / 496.73 g/mol
	Synonyms	9,11-Dehydro β-boswellic acid acetate

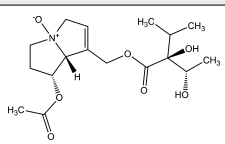
Acetyleugenol		Product # 82460
	CAS #	[93-28-7]
	Molecular formula / Molecular weight	$C_{12}H_{14}O_3$ / 206.24 g/mol
	Synonyms	Eugenol acetate

8-Acetylharpagide		Product # 82700
	CAS #	[6926-14-3]
	Molecular formula / Molecular weight	$C_{17}H_{26}O_{11}$ / 406.38 g/mol
	Synonyms	Harpagide 8-acetate

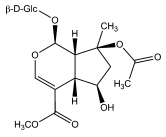
7-Acetylintermedine		Product # 83759
	CAS #	[74243-01-9]
	Molecular formula / Molecular weight	$C_{17}H_{27}NO_6$ / 341.40 g/mol
	Synonyms	Intermedine 1-acetate

7-Acetylintermedine N-oxide		Product # 83795
	CAS #	[685132-59-6]
	Molecular formula / Molecular weight	$C_{17}H_{27}NO_7$ / 357.40 g/mol
	Synonyms	Intermedine 1-acetate N-oxide

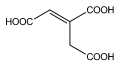
7-Acetyllycopsamine		Product # 83834
	CAS #	[73544-48-6]
	Molecular formula / Molecular weight	$C_{17}H_{27}NO_6$ / 341.40 g/mol
	Synonyms	Lycopsamine 1-acetate

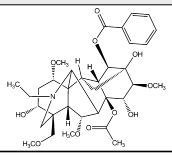
7-Acetyllycopsamine N-oxide		Product # 84275
	CAS #	[685132-58-5]
	Molecular formula / Molecular weight	$C_{17}H_{27}NO_7$ / 357.40 g/mol
	Synonyms	–

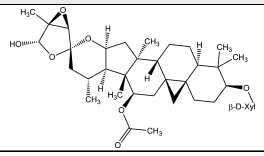
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

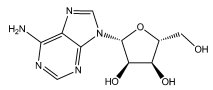
8-Acetylshanzhiside methyl ester		Product # 82461
	CAS #	[57420-46-9]
	Molecular formula / Molecular weight	$C_{19}H_{28}O_{12}$ / 448.42 g/mol
	Synonyms	Barlerin; Umbroside

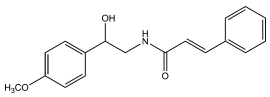
cis-Aconitic acid		Product # 83833
	CAS #	[585-84-2]
	Molecular formula / Molecular weight	$C_6H_6O_6$ / 174.11 g/mol
	Synonyms	–

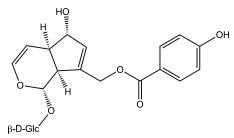
trans-Aconitic acid		Product # 82257
	CAS #	[4023-65-8]
	Molecular formula / Molecular weight	$C_6H_6O_6$ / 174.11 g/mol
	Synonyms	–

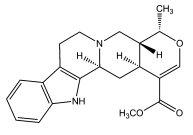
Aconitine		Product # 89376
	CAS #	[302-27-2]
	Molecular formula / Molecular weight	$C_{34}H_{47}NO_{11}$ / 645.75 g/mol
	Synonyms	–

Actein		Product # 89154
	CAS #	[18642-44-9]
	Molecular formula / Molecular weight	$C_{37}H_{56}O_{11}$ / 676.85 g/mol
	Synonyms	Shengmating

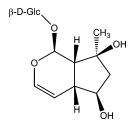
Adenosine		Product # 80977
	CAS #	[58-61-7]
	Molecular formula / Molecular weight	$C_{10}H_{13}N_5O_4$ / 267.24 g/mol
	Synonyms	Adenine riboside

Aegeline		Product # 83467
	CAS #	[456-12-2]
	Molecular formula / Molecular weight	$C_{18}H_{19}NO_3$ / 297.35 g/mol
	Synonyms	Egeline

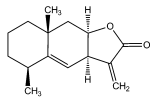
Agnuside		Product # 89155
	CAS #	[11027-63-7]
	Molecular formula / Molecular weight	$C_{22}H_{26}O_{11}$ / 466.44 g/mol
	Synonyms	Buddlejoside A

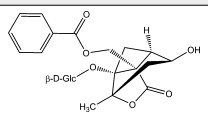
Ajmalicine		Product # 82463
	CAS #	[483-04-5]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_3$ / 352.43 g/mol
	Synonyms	Circolene; Raubasine; Tetrahydroserpentine; Vincaine; Vinceine

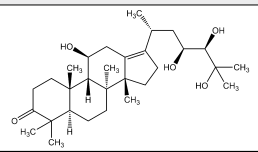
If your substance is missing please check our alphabetical index of synonyms on page 156.

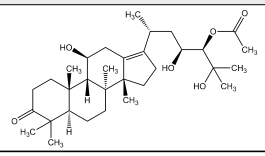
Ajugol		Product # 84198
	CAS #	[52949-83-4]
	Molecular formula / Molecular weight	$C_{15}H_{24}O_9$ / 348.35 g/mol
	Synonyms	–

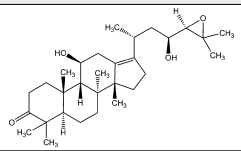
L-Alanine		Product # 80344
	CAS #	[56-41-7]
	Molecular formula / Molecular weight	$C_3H_7NO_2$ / 89.09 g/mol
	Synonyms	L-2-Aminopropanoic acid; L-2-Aminopropionic acid

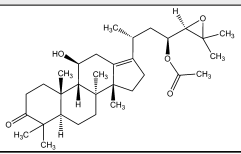
Alantolactone		Product # 89156
	CAS #	[546-43-0]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_2$ / 232.32 g/mol
	Synonyms	Alant camphor; Elecampane camphor; Helenin; Inula Camphor

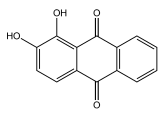
Albiflorin		Product # 89833
	CAS #	[39011-90-0]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_{11}$ / 480.47 g/mol
	Synonyms	–

Alisol A		Product # 83835
	CAS #	[19885-10-0]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_5$ / 490.72 g/mol
	Synonyms	–

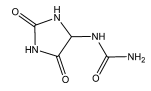
Alisol A 24-acetate		Product # 83836
	CAS #	[18674-16-3]
	Molecular formula / Molecular weight	$C_{32}H_{52}O_6$ / 532.75 g/mol
	Synonyms	24-Acetylalisol A

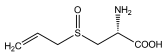
Alisol B		Product # 84199
	CAS #	[18649-93-9]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_4$ / 472.70 g/mol
	Synonyms	16-Deoxoalisol C

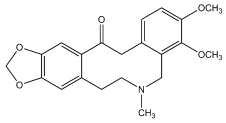
Alisol B 23-acetate		Product # 82464
	CAS #	[26575-95-1]
	Molecular formula / Molecular weight	$C_{32}H_{50}O_5$ / 514.74 g/mol
	Synonyms	23-Acetylalismol B; 23-Acetylalisol B

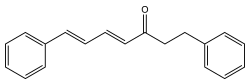
Alizarin		Product # 83274
	CAS #	[72-48-0]
	Molecular formula / Molecular weight	$C_{14}H_8O_4$ / 240.22 g/mol
	Synonyms	1,2-Dihydroxyanthraquinone

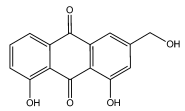
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

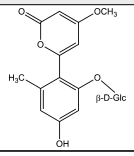
Allantoin		Product # 89518
	CAS #	[97-59-6]
	Molecular formula / Molecular weight	$C_4H_6N_4O_3$ / 158.12 g/mol
	Synonyms	Cordianine; Glyoxyldiureide; 5-Ureidohydantoin

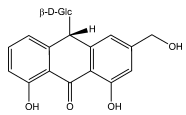
L-(±)-Alliin		Product # 89470
	CAS #	[17795-26-5]
	Molecular formula / Molecular weight	$C_6H_{11}NO_3S$ / 177.22 g/mol
	Synonyms	–

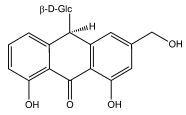
α-Allocryptopine		Product # 89897
	CAS #	[485-91-6]
	Molecular formula / Molecular weight	$C_{21}H_{23}NO_5$ / 369.41 g/mol
	Synonyms	α-Fagarine; β-Homochelidonine; Thalictrimine

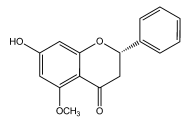
Alnustone		Product # 84200
	CAS #	[33457-62-4]
	Molecular formula / Molecular weight	$C_{19}H_{18}O$ / 262.35 g/mol
	Synonyms	1,7-Diphenyl 4,6-heptadiene 3-one

Aloe emodin		Product # 89157
	CAS #	[481-72-1]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	1,8-Dihydroxy 3-hydroxymethylanthraquinone; 3-Hydroxymethylchrysazine; Rhabarberone

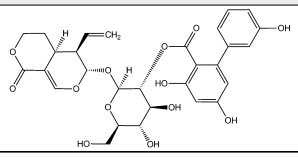
Aloenin A		Product # 89557
	CAS #	[38412-46-3]
	Molecular formula / Molecular weight	$C_{19}H_{22}O_{10}$ / 410.38 g/mol
	Synonyms	Aloearbonaside; Aloenin

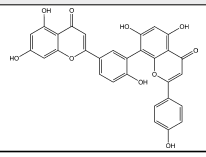
Aloin A		Product # 89558
	CAS #	[1415-73-2]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_9$ / 418.40 g/mol
	Synonyms	Aloin A; Barbaloin A

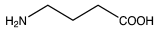
Aloin B		Product # 83206
	CAS #	[28371-16-6]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_9$ / 418.40 g/mol
	Synonyms	Isobarbaloin

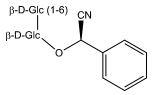
Alpinetin		Product # 89849
	CAS #	[36052-37-6]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_4$ / 270.29 g/mol
	Synonyms	7-Hydroxy 5-methoxyflavanone; 5-O-Methylpinocembrin

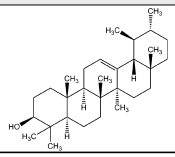
If your substance is missing please check our alphabetical index of synonyms on page 156.

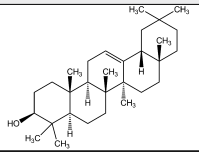
Amarogentin		Product # 80178
	CAS #	[21018-84-8]
	Molecular formula / Molecular weight	$C_{29}H_{30}O_{13}$ / 586.55 g/mol
	Synonyms	–

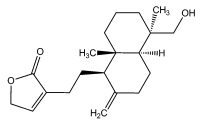
Amentoflavone		Product # 80351
	CAS #	[1617-53-4]
	Molecular formula / Molecular weight	$C_{30}H_{18}O_{10}$ / 538.47 g/mol
	Synonyms	I3',II8-Biapigenin; 3"",8-Biflavone; Didemethylginkgetin; Tridemethylsciadopitysin

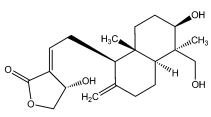
γ-Aminobutyric acid		Product # 83415
	CAS #	[56-12-2]
	Molecular formula / Molecular weight	$C_4H_9NO_2$ / 103.12 g/mol
	Synonyms	4-Aminobutanoic acid; 4-Aminobutyric acid; 3-Carboxypropylamine; GABA

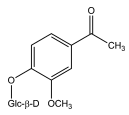
Amygdalin		Product # 89559
	CAS #	[29883-15-6]
	Molecular formula / Molecular weight	$C_{20}H_{27}NO_{11}$ / 457.44 g/mol
	Synonyms	Amygdaloside; Mandelonitrile β-gentiobioside

α-Amyrin		Product # 80705
	CAS #	[638-95-9]
	Molecular formula / Molecular weight	$C_{30}H_{50}O$ / 426.73 g/mol
	Synonyms	Viminalol

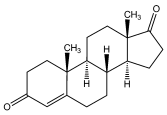
β-Amyrin		Product # 80292
	CAS #	[559-70-6]
	Molecular formula / Molecular weight	$C_{30}H_{50}O$ / 426.73 g/mol
	Synonyms	β-Amyrenol

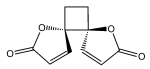
Andrograpanin		Product # 89560
	CAS #	[82209-74-3]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_3$ / 318.46 g/mol
	Synonyms	3,14-Dideoxyandrographolide

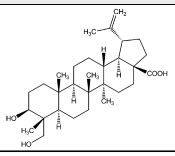
Andrographolide		Product # 89561
	CAS #	[5508-58-7]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_5$ / 350.46 g/mol
	Synonyms	Andrographis

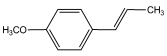
Androsin		Product # 83477
	CAS #	[531-28-2]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_8$ / 280.80 g/mol
	Synonyms	4-Acetyl 2-methoxyphenylglucoside; 4-Hydroxy 3-methoxyacetophenone 4-glucoside

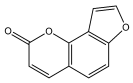
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

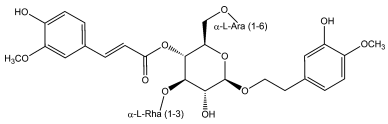
Androstenedione		Product # 89562
	CAS #	[63-05-8]
	Molecular formula / Molecular weight	$C_{19}H_{26}O_2$ / 286.42 g/mol
	Synonyms	Δ4-Androstene 3,17-dione; 3,17-Dioxoandrost 4-ene; Fecundin; 17-Ketosterone

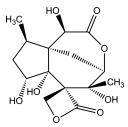
Anemonin		Product # 80346
	CAS #	[508-44-1]
	Molecular formula / Molecular weight	$C_{10}H_8O_4$ / 192.17 g/mol
	Synonyms	Pulsatilla camphor

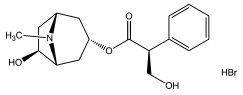
Anemosapogenin		Product # 83307
	CAS #	[85999-40-2]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_4$ / 472.71 g/mol
	Synonyms	23-Hydroxybetulinic acid

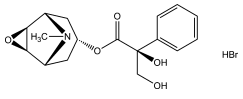
trans-Anethole		Product # 89158
	CAS #	[4180-23-8]
	Molecular formula / Molecular weight	$C_{10}H_{12}O$ / 148.21 g/mol
	Synonyms	–

Angelicin		Product # 89874
	CAS #	[523-50-2]
	Molecular formula / Molecular weight	$C_{11}H_6O_3$ / 186.17 g/mol
	Synonyms	Isopsoralen

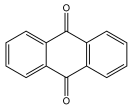
Angoroside C		Product # 80358
	CAS #	[115909-22-3]
	Molecular formula / Molecular weight	$C_{36}H_{48}O_{19}$ / 784.75 g/mol
	Synonyms	–

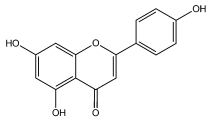
Anisatin		Product # 89345
	CAS #	[5230-87-5]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_8$ / 328.32 g/mol
	Synonyms	–

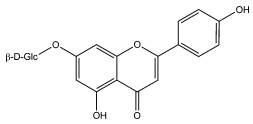
Anisodamine hydrobromide		Product # 89563
	CAS #	[55449-49-5]
	Molecular formula / Molecular weight	$C_{17}H_{23}NO_4$ × HBr / 386.29 g/mol
	Synonyms	6-Hydroxyhyoscyamine hydrobromide

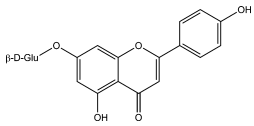
Anisodine hydrobromide		Product # 89564
	CAS #	[76822-34-9]
	Molecular formula / Molecular weight	$C_{17}H_{21}NO_5$ × HBr / 400.27 g/mol
	Synonyms	Daturamine hydrobromide; α-Hydroxyscopolamine hydrobromide

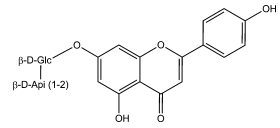
If your substance is missing please check our alphabetical index of synonyms on page 156.

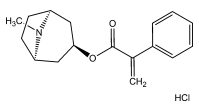
Anthraquinone		Product # 82729
	CAS #	[84-65-1]
	Molecular formula / Molecular weight	$C_{14}H_8O_2$ / 208.22 g/mol
	Synonyms	–

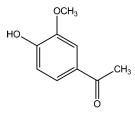
Apigenin		Product # 89159
	CAS #	[520-36-5]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	4',5,7-Trihydroxyflavone

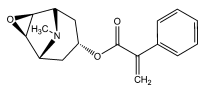
Apigenin 7-glucoside		Product # 89160
	CAS #	[578-74-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Apigetrin; Cosmetin; Cosmosiin; Cosmosioside; 4',5,7-Trihydroxyflavone 7-glucoside

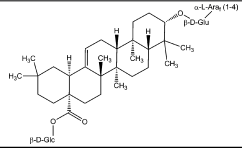
Apigenin 7-glucuronide		Product # 83471
	CAS #	[29741-09-1]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{11}$ / 446.37 g/mol
	Synonyms	Scutellarin A; 4',5,7-Trihydroxyflavone 7-glucuronide

Apiin		Product # 89161
	CAS #	[26544-34-3]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.50 g/mol
	Synonyms	Apigenin 7-apiosylglucoside; 4',5,7-Trihydroxyflavone 7-apiosylglucoside

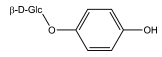
Apoatropine hydrochloride		Product # 84088
	CAS #	[5978-81-4]
	Molecular formula / Molecular weight	$C_{17}H_{21}NO_2 \times HCl$ / 307.82 g/mol
	Synonyms	Atropamine hydrochloride; Atropyltropeine hydrochloride

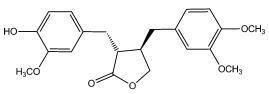
Apocynin		Product # 83252
	CAS #	[498-02-2]
	Molecular formula / Molecular weight	$C_9H_{10}O_3$ / 166.18 g/mol
	Synonyms	Acetovanillone; 4-Acetylguaiacol; 4'-Hydroxy 3'-methoxyacetophenone; 2-Methoxy 4-acetylphenol

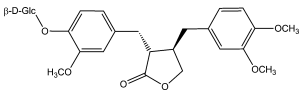
Aposcopolamine		Product # 84104
	CAS #	[535-26-2]
	Molecular formula / Molecular weight	$C_{17}H_{19}NO_3$ / 285.34 g/mol
	Synonyms	Apohyoscine

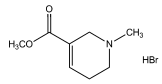
Araloside A		Product # 84201
	CAS #	[7518-22-1]
	Molecular formula / Molecular weight	$C_{47}H_{74}O_{18}$ / 927.08 g/mol
	Synonyms	Chikusetsusaponin IV; Oleanoside E

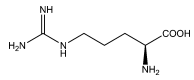
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

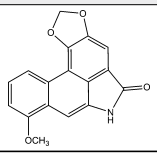
Arbutin		Product # 89510
	CAS #	[497-76-7]
	Molecular formula / Molecular weight	$C_{12}H_{16}O_7$ / 272.26 g/mol
	Synonyms	Hydroquinone β-D-glucopyranoside; p-Hydroxyphenyl β-D-glucoside

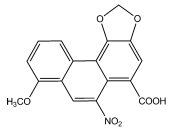
Arctigenin		Product # 80354
	CAS #	[7770-78-7]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_6$ / 372.42 g/mol
	Synonyms	–

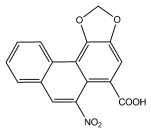
Arctiin		Product # 89531
	CAS #	[20362-31-6]
	Molecular formula / Molecular weight	$C_{27}H_{34}O_{11}$ / 534.56 g/mol
	Synonyms	Arctigenin 4-glucoside

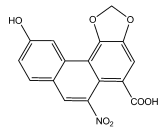
Arecoline hydrobromide		Product # 82470
	CAS #	[300-08-3]
	Molecular formula / Molecular weight	$C_8H_{13}NO_2 \times HBr$ / 236.11 g/mol
	Synonyms	Taeniolin

L-Arginine		Product # 82307
	CAS #	[74-79-3]
	Molecular formula / Molecular weight	$C_6H_{14}N_4O_2$ / 174.20 g/mol
	Synonyms	–

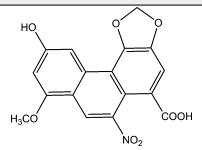
Aristolactam		Product # 82471
	CAS #	[13395-02-3]
	Molecular formula / Molecular weight	$C_{17}H_{11}NO_4$ / 293.28 g/mol
	Synonyms	Aristololactam

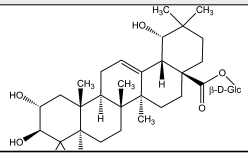
Aristolochic acid I		Product # 89565
	CAS #	[313-67-7]
	Molecular formula / Molecular weight	$C_{17}H_{11}NO_7$ / 341.28 g/mol
	Synonyms	Aristolochic acid; Aristolochic acid A

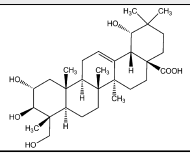
Aristolochic acid II		Product # 89566
	CAS #	[475-80-9]
	Molecular formula / Molecular weight	$C_{16}H_9NO_6$ / 311.25 g/mol
	Synonyms	Aristolochic acid B

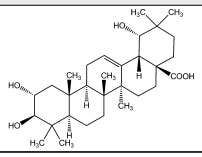
Aristolochic acid C		Product # 80355
	CAS #	[4849-90-5]
	Molecular formula / Molecular weight	$C_{16}H_9NO_7$ / 327.25 g/mol
	Synonyms	Aristolochic acid IIIa

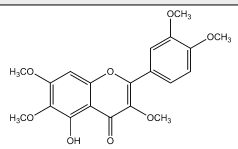
If your substance is missing please check our alphabetical index of synonyms on page 156.

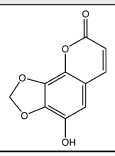
Aristolochic acid D		Product # 83478
	CAS #	[17413-38-6]
	Molecular formula / Molecular weight	$C_{17}H_{11}NO_8$ / 357.28 g/mol
	Synonyms	Aristolochic acid Iva

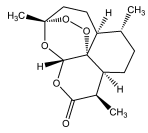
Arjunetin		Product # 82472
	CAS #	[31297-79-7]
	Molecular formula / Molecular weight	$C_{36}H_{58}O_{10}$ / 650.85 g/mol
	Synonyms	24-Deoxysericoside

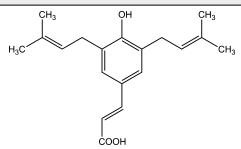
Arjungenin		Product # 82473
	CAS #	[58880-25-4]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_6$ / 504.71 g/mol
	Synonyms	Arjugenin; 2α,19α,23-Trihydroxyoleanolic acid

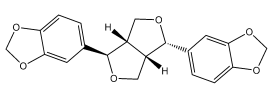
Arjunic acid		Product # 82474
	CAS #	[31298-06-3]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_5$ / 488.71 g/mol
	Synonyms	Arjuntriterpenic acid; 2α,3β,19α-Trihydroxyolean 12-ene 28-oic acid

Artemetin		Product # 83719
	CAS #	[479-90-3]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_8$ / 388.37 g/mol
	Synonyms	Artemisetin; Erianthin; 5-Hydroxy 3,6,7,3',4'-pentamethoxyflavone; Quercetagetin 3,6,7,3',4'-pentamethyl ether

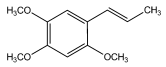
Artemicapin C		Product # 83419
	CAS #	[334007-19-1]
	Molecular formula / Molecular weight	$C_{10}H_6O_5$ / 206.15 g/mol
	Synonyms	–

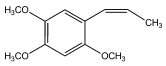
Artemisinin		Product # 89484
	CAS #	[63968-64-9]
	Molecular formula / Molecular weight	$C_{15}H_{22}O_5$ / 282.34 g/mol
	Synonyms	Arteannuin; Huanghuahaosu; Qinghaosu; Qing Hau Sau; Qing Hau Su; Qinghosu

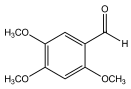
Artepillin C		Product # 84053
	CAS #	[72944-19-5]
	Molecular formula / Molecular weight	$C_{19}H_{24}O_3$ / 300.39 g/mol
	Synonyms	–

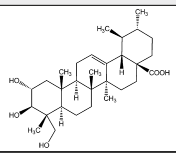
(-)-Asarinin		Product # 80564
	CAS #	[133-04-0]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_6$ / 354.35 g/mol
	Synonyms	Desgeranyloxyarmatumin; (-)-Episesamin; Xanthoxylin S

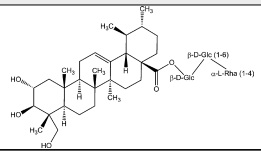
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

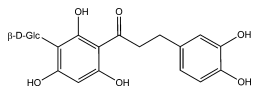
α-Asarone		Product # 89567
	CAS #	[2883-98-9]
	Molecular formula / Molecular weight	$C_{12}H_{16}O_3$ / 208.26 g/mol
	Synonyms	trans-Asarone; Asarum camphor; trans-Isoasarone

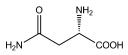
β-Asarone		Product # 89568
	CAS #	[5273-86-9]
	Molecular formula / Molecular weight	$C_{12}H_{16}O_3$ / 208.26 g/mol
	Synonyms	cis-Asarone; cis-Isoasarone

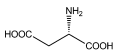
Asarylaldehyde		Product # 82478
	CAS #	[4460-86-0]
	Molecular formula / Molecular weight	$C_{10}H_{12}O_4$ / 196.20 g/mol
	Synonyms	Asaraldehyde; Asaronaldehyde; Gazarin; 2,4,5-Trimethoxybenzaldehyde

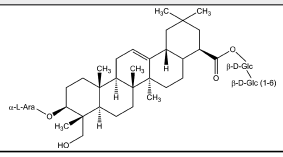
Asiatic acid		Product # 89569
	CAS #	[464-92-6]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_5$ / 488.71 g/mol
	Synonyms	2α,23-Dihydroxyursolic acid

Asiaticoside		Product # 89570
	CAS #	[16830-15-2]
	Molecular formula / Molecular weight	$C_{48}H_{78}O_{19}$ / 959.14 g/mol
	Synonyms	Madecassol

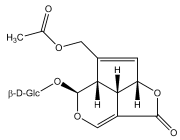
Aspalathin		Product # 89571
	CAS #	[6027-43-6]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_{11}$ / 452.42 g/mol
	Synonyms	–

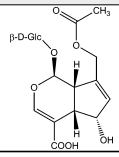
L-Asparagine		Product # 80905
	CAS #	[70-47-3]
	Molecular formula / Molecular weight	$C_4H_8N_2O_3$ / 132.12 g/mol
	Synonyms	Aspartic acid amide

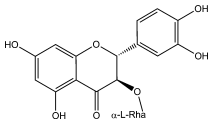
L-Aspartic acid		Product # 80666
	CAS #	[56-84-8]
	Molecular formula / Molecular weight	$C_4H_7NO_4$ / 133.10 g/mol
	Synonyms	L-Asparagic acid; L-Asparaginic acid

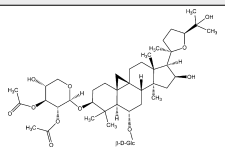
Asperosaponin VI		Product # 83275
	CAS #	[39524-08-8]
	Molecular formula / Molecular weight	$C_{47}H_{76}O_{18}$ / 929.11 g/mol
	Synonyms	Akebia saponin D; Leiyemudanoside A; Tauroside St-G0-1

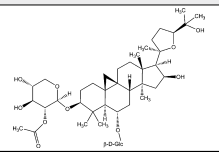
If your substance is missing please check our alphabetical index of synonyms on page 156.

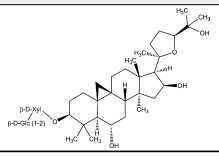
Asperuloside		Product # 83229
	CAS #	[14259-45-1]
	Molecular formula / Molecular weight	$C_{18}H_{22}O_{11}$ / 414.36 g/mol
	Synonyms	–

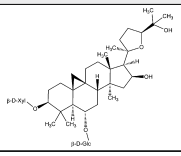
Asperulosidic acid		Product # 84202
	CAS #	[25368-11-0]
	Molecular formula / Molecular weight	$C_{18}H_{24}O_{12}$ / 432.38 g/mol
	Synonyms	–

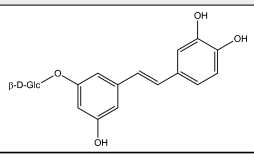
Astilbin		Product # 80356
	CAS #	[29838-67-3]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_{11}$ / 450.40 g/mol
	Synonyms	Taxifolin 3-rhamnoside

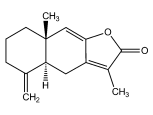
Astragaloside I		Product # 89572
	CAS #	[84680-75-1]
	Molecular formula / Molecular weight	$C_{45}H_{72}O_{16}$ / 869.06 g/mol
	Synonyms	Astrasieversianin IV; Cyclosieversioside B

Astragaloside II		Product # 89573
	CAS #	[84676-89-1]
	Molecular formula / Molecular weight	$C_{43}H_{70}O_{15}$ / 827.02 g/mol
	Synonyms	Astrasieversianin VIII

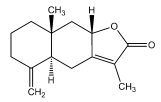
Astragaloside III		Product # 80357
	CAS #	[84687-42-3]
	Molecular formula / Molecular weight	$C_{41}H_{68}O_{14}$ / 784.99 g/mol
	Synonyms	–

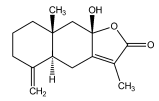
Astragaloside IV		Product # 89377
	CAS #	[84687-43-4]
	Molecular formula / Molecular weight	$C_{41}H_{68}O_{14}$ / 784.99 g/mol
	Synonyms	Astrasieversianin XIV; Astraversianin XIV; Cyclosieversioside F

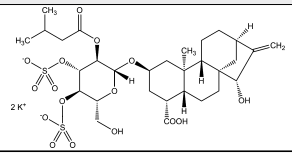
Astringin		Product # 80736
	CAS #	[29884-49-9]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_9$ / 406.38 g/mol
	Synonyms	3,3',4,5'-Tetrahydroxystilbene 3'-glucoside

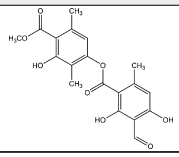
Atractylenolide I		Product # 82479
	CAS #	[73069-13-3]
	Molecular formula / Molecular weight	$C_{15}H_{18}O_2$ / 230.31 g/mol
	Synonyms	–

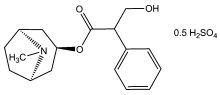
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

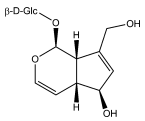
Atractylenolide II		Product # 82480
	CAS #	[73069-14-4]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_2$ / 232.32 g/mol
	Synonyms	Asterolide

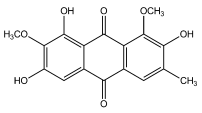
Atractylenolide III		Product # 80359
	CAS #	[73030-71-4]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_3$ / 248.32 g/mol
	Synonyms	Atractylenolide β; Codonolactone; 8β-Hydroxyasterolide

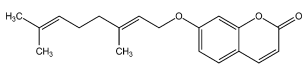
Atractyloside		Product # 84195
	CAS #	[17754-44-8]
	Molecular formula / Molecular weight	$C_{30}H_{44}O_{16}S_2K_2$ / 802.99 g/mol
	Synonyms	Atractylic acid dipotassium salt; Atractylin dipotassium salt; Potassium atractylate

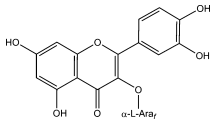
Atranorin		Product # 84203
	CAS #	[479-20-9]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_8$ / 374.34 g/mol
	Synonyms	Atranoric acid; Parmelin; Parmelin acid; Usnarin; Usnarin acid

Atropine sulfate		Product # 80892
	CAS #	[55-48-1]
	Molecular formula / Molecular weight	$C_{17}H_{23}NO_3 \times 0.5\ H_2SO_4$ / 338.41 g/mol
	Synonyms	–

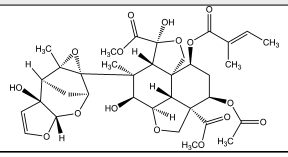
Aucubine		Product # 89163
	CAS #	[479-98-1]
	Molecular formula / Molecular weight	$C_{15}H_{22}O_9$ / 346.33 g/mol
	Synonyms	Aucuboside; Rhimantin

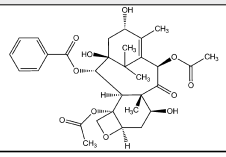
Aurantio-obtusin		Product # 83276
	CAS #	[67979-25-3]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_7$ / 330.29 g/mol
	Synonyms	–

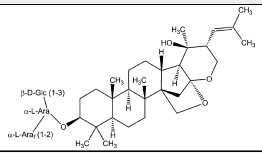
Aurapten		Product # 82481
	CAS #	[495-02-3]
	Molecular formula / Molecular weight	$C_{19}H_{22}O_3$ / 298.38 g/mol
	Synonyms	7-Geranyloxycoumarin

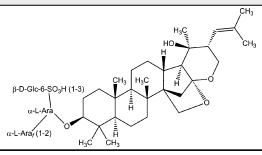
Avicularin		Product # 80361
	CAS #	[572-30-5]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_{11}$ / 434.36 g/mol
	Synonyms	Avicularoside; 3,3',4',5,7-Pentahydroxyflavone 3-O-α-L-arabinofuranoside; Quercetin 3-α-L-arabinofuranoside

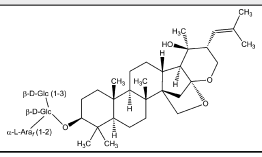
If your substance is missing please check our alphabetical index of synonyms on page 156.

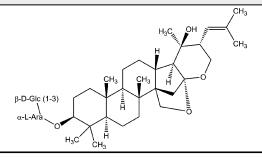
Azadirachtin		Product # 89574
	CAS #	[11141-17-6]
	Molecular formula / Molecular weight	$C_{35}H_{44}O_{16}$ / 720.73 g/mol
	Synonyms	Azadirachtin A; Azatin

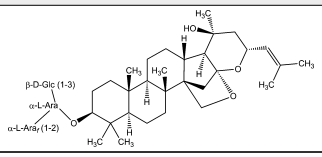
Baccatin III		Product # 89575
	CAS #	[27548-93-2]
	Molecular formula / Molecular weight	$C_{31}H_{38}O_{11}$ / 586.64 g/mol
	Synonyms	–

Bacopasaponin C		Product # 80362
	CAS #	[178064-13-6]
	Molecular formula / Molecular weight	$C_{46}H_{74}O_{17}$ / 899.09 g/mol
	Synonyms	–

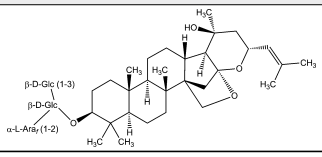
Bacopaside I		Product # 80363
	CAS #	[382148-47-2]
	Molecular formula / Molecular weight	$C_{46}H_{74}O_{20}S$ / 979.15 g/mol
	Synonyms	–

Bacopaside II		Product # 80364
	CAS #	[382146-66-9]
	Molecular formula / Molecular weight	$C_{47}H_{76}O_{18}$ / 929.11 g/mol
	Synonyms	–

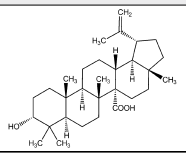
Bacopaside V		Product # 83838
	CAS #	[620592-16-7]
	Molecular formula / Molecular weight	$C_{41}H_{66}O_{13}$ / 766.95 g/mol
	Synonyms	–

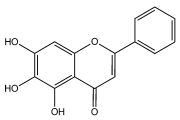
Bacopaside X		Product # 80365
	CAS #	[94443-88-6]
	Molecular formula / Molecular weight	$C_{46}H_{74}O_{17}$ / 899.09 g/mol
	Synonyms	Bacopaside VII; Jujubogenin isomer of Bacopasaponin C

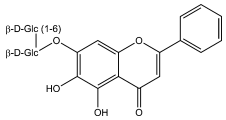
Bacoside A		Product # 89576
Bacoside A is a mixture of Bacoside A3, Bacopasaponin C, Bacopaside II and Bacopaside X	CAS #	[11028-00-5]
	Molecular formula / Molecular weight	– / –
	Synonyms	–

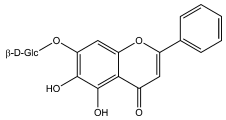
Bacoside A3		Product # 80366
	CAS #	[157408-08-7]
	Molecular formula / Molecular weight	$C_{47}H_{76}O_{18}$ / 929.11 g/mol
	Synonyms	–

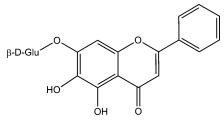
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

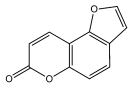
Bacosine		Product # 80367
	CAS #	[198014-94-7]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	–

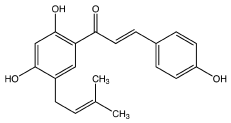
Baicalein		Product # 89577
	CAS #	[491-67-8]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	Noroxylin; 5,6,7-Trihydroxyflavone

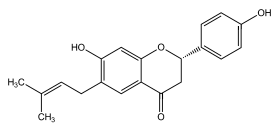
Baicalein 7-diglucoside		Product # 83479
	CAS #	[114482-86-9]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.53 g/mol
	Synonyms	Baicalein 7-gentiobioside; Oroxin B; 5,6,7-Trihydroxyflavone 7-diglucoside

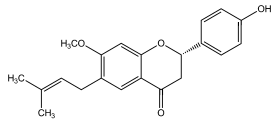
Baicalein 7-glucoside		Product # 83480
	CAS #	[57396-78-8]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Oroxin A; 5,6,7-Trihydroxyflavone 7-glucoside

Baicalin		Product # 89322
	CAS #	[21967-41-9]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{11}$ / 446.37 g/mol
	Synonyms	Baicalein 7-glucuronide; 5,6,7-Trihydroxyflavone 7-glucuronide

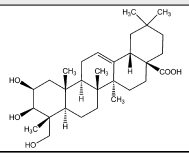
Bakuchicin		Product # 89578
	CAS #	[4412-93-5]
	Molecular formula / Molecular weight	$C_{11}H_6O_3$ / 186.17 g/mol
	Synonyms	Allopsoralen

Bavachalcone		Product # 83481
	CAS #	[28448-85-3]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_4$ / 324.38 g/mol
	Synonyms	Broussochalcone B

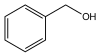
Bavachin		Product # 82483
	CAS #	[19879-32-4]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_4$ / 324.38 g/mol
	Synonyms	Corylifolin; 4',7-Dihydroxy 6-(3-methyl 2-butenyl)flavanone

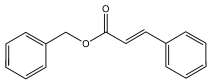
Bavachinin		Product # 82484
	CAS #	[19879-30-2]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_4$ / 338.40 g/mol
	Synonyms	Bavachinin A; 4'-Hydroxy 7-methoxy 6-(3-methyl 2-butenyl)flavanone; 7-O-Methylbavachin

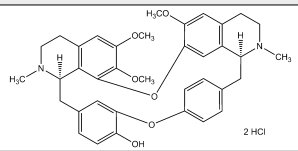
If your substance is missing please check our alphabetical index of synonyms on page 156.

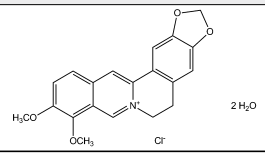
Bayogenin		Product # 80368
	CAS #	[6989-24-8]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_5$ / 488.71 g/mol
	Synonyms	–

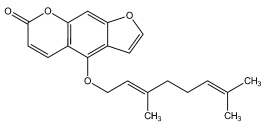
Benzoic acid		Product # 80021
	CAS #	[65-85-0]
	Molecular formula / Molecular weight	$C_7H_6O_2$ / 122.12 g/mol
	Synonyms	Benzenecarboxylic acid; Carboxybenzene; Dracylic acid

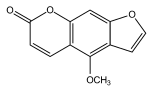
Benzyl alcohol		Product # 89164
	CAS #	[100-51-6]
	Molecular formula / Molecular weight	C_7H_8O / 108.14 g/mol
	Synonyms	Benzenemethanol; Phenylmethyl alcohol

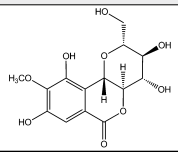
Benzyl cinnamate		Product # 82486
	CAS #	[103-41-3]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_2$ / 238.29 g/mol
	Synonyms	Benzyl 3-phenylpropenoate; Cinnamic acid benzyl ester; 3-Phenyl 2-propenoic acid benzyl ester

Berbamine dihydrochloride		Product # 82487
	CAS #	[6078-17-7]
	Molecular formula / Molecular weight	$C_{37}H_{40}N_2O_6 \times 2$ HCl / 681.65 g/mol
	Synonyms	–

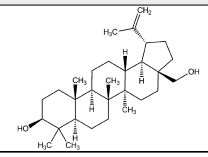
Berberine chloride dihydrate		Product # 89487
	CAS #	[5956-60-5]
	Molecular formula / Molecular weight	$C_{20}H_{18}NO_4Cl \times 2\ H_2O$ / 407.85 g/mol
	Synonyms	–

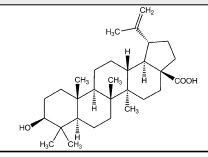
Bergamottin		Product # 89868
	CAS #	[7380-40-7]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_4$ / 338.40 g/mol
	Synonyms	Bergaptin; 5-Geranoxypsoralen

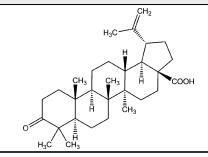
Bergapten		Product # 89865
	CAS #	[484-20-8]
	Molecular formula / Molecular weight	$C_{12}H_8O_4$ / 216.19 g/mol
	Synonyms	Geralen; Heraclin; Majudin; 5-Methoxypsoralen

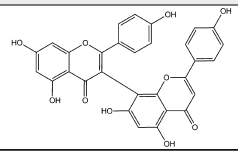
Bergenin		Product # 89580
	CAS #	[477-90-7]
	Molecular formula / Molecular weight	$C_{14}H_{16}O_9$ / 328.28 g/mol
	Synonyms	Ai Cha Su; Ardisic acid B; Bergenit; Corylopsin; Cuscutin; Peltophorin; Vakerin

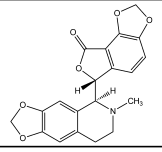
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

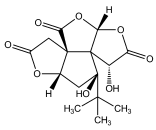
Betulin		**Product # 89581**
	CAS #	[473-98-3]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_2$ / 442.73 g/mol
	Synonyms	Betulinic alcohol; Betulinol; Betulol; Trochol

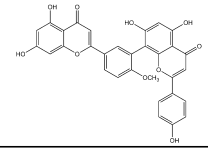
Betulinic acid		**Product # 89529**
	CAS #	[472-15-1]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	Betulic acid; Lupatic acid; Mairin

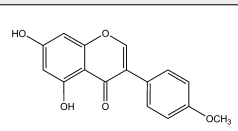
Betulonic acid		**Product # 83839**
	CAS #	[4481-62-3]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_3$ / 454.68 g/mol
	Synonyms	Liquidambaric acid; Liquidambronic acid; 3-Oxobetulinic acid

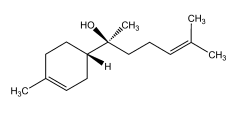
I3,II8-Biapigenin		**Product # 89166**
	CAS #	[101140-06-1]
	Molecular formula / Molecular weight	$C_{30}H_{18}O_{10}$ / 538.47 g/mol
	Synonyms	3,8"-Biapigenin

(+)-Bicuculline		**Product # 80371**
	CAS #	[485-49-4]
	Molecular formula / Molecular weight	$C_{20}H_{17}NO_6$ / 367.36 g/mol
	Synonyms	Bucuculline

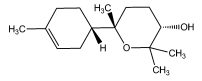
(-)-Bilobalide		**Product # 89167**
	CAS #	[33570-04-6]
	Molecular formula / Molecular weight	$C_{15}H_{18}O_8$ / 326.30 g/mol
	Synonyms	–

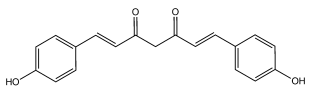
Bilobetin		**Product # 83840**
	CAS #	[521-32-4]
	Molecular formula / Molecular weight	$C_{31}H_{20}O_{10}$ / 552.48 g/mol
	Synonyms	4'-O-Methylamentoflavone; 4',5,5'',7,7''-Pentahydroxy 4'''-methoxy 3''',8-biflavone

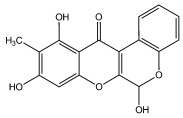
Biochanin A		**Product # 80012**
	CAS #	[491-80-5]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	5,7-Dihydroxy 4'-methoxyisoflavone; Genistein 4'-methyl ether; 4'-Methylgenistein; Olmelin

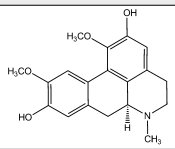
(-)-α-Bisabolol		**Product # 80005**
	CAS #	[23089-26-1]
	Molecular formula / Molecular weight	$C_{15}H_{26}O$ / 222.37 g/mol
	Synonyms	Levomenol

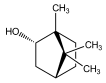
If your substance is missing please check our alphabetical index of synonyms on page 156.

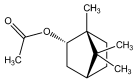
Bisabolol oxide A		**Product # 89168**
	CAS #	[22567-36-8]
	Molecular formula / Molecular weight	$C_{15}H_{26}O_2$ / 238.37 g/mol
	Synonyms	α-Bisabolol oxide; Bisabolol oxide I

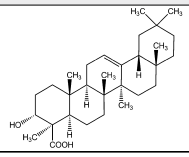
Bisdemethoxycurcumin		**Product # 89582**
	CAS #	[33171-05-0]
	Molecular formula / Molecular weight	$C_{19}H_{16}O_4$ / 308.33 g/mol
	Synonyms	Curcumin III; Didemethoxycurcumin

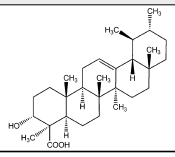
Boeravinone B		**Product # 82488**
	CAS #	[114567-34-9]
	Molecular formula / Molecular weight	$C_{17}H_{12}O_6$ / 312.28 g/mol
	Synonyms	–

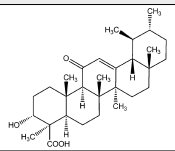
Boldine		**Product # 80145**
	CAS #	[476-70-0]
	Molecular formula / Molecular weight	$C_{19}H_{21}NO_4$ / 327.38 g/mol
	Synonyms	–

Borneol		**Product # 89583**
	CAS #	[507-70-0]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	–

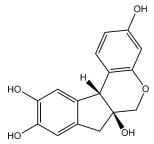
(-)-Bornyl acetate		**Product # 89584**
	CAS #	[5655-61-8]
	Molecular formula / Molecular weight	$C_{12}H_{20}O_2$ / 196.29 g/mol
	Synonyms	–

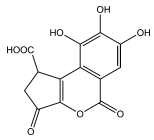
α-Boswellic acid		**Product # 89585**
	CAS #	[471-66-9]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	–

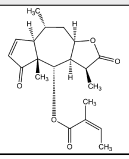
β-Boswellic acid		**Product # 89454**
	CAS #	[631-69-6]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	–

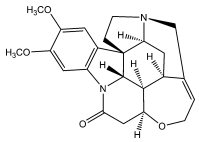
11-keto-β-Boswellic acid		**Product # 89169**
	CAS #	[17019-92-0]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_4$ / 470.70 g/mol
	Synonyms	KBA; 11-Oxo-β-boswellic acid

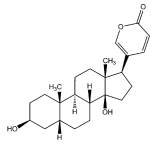
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

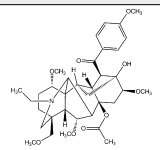
Brazilin		Product # 83310
	CAS #	[474-07-7]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_5$ / 286.28 g/mol
	Synonyms	–

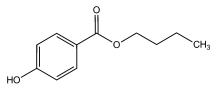
Brevifolincarboxylic acid		Product # 83841
	CAS #	[18490-95-4]
	Molecular formula / Molecular weight	$C_{13}H_8O_8$ / 292.20 g/mol
	Synonyms	–

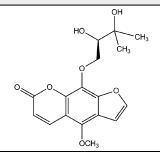
Brevilin A		Product # 84204
	CAS #	[16503-32-5]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_5$ / 346.42 g/mol
	Synonyms	6-Angeloylplenolin; Brevelin A

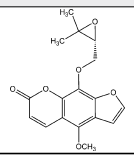
Brucine		Product # 89586
	CAS #	[357-57-3]
	Molecular formula / Molecular weight	$C_{23}H_{26}N_2O_4$ / 394.47 g/mol
	Synonyms	2,3-Dimethoxystrychnine

Bufalin		Product # 89587
	CAS #	[465-21-4]
	Molecular formula / Molecular weight	$C_{24}H_{34}O_4$ / 386.53 g/mol
	Synonyms	–

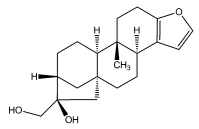
Bulleyaconitine A		Product # 89588
	CAS #	[107668-79-1]
	Molecular formula / Molecular weight	$C_{35}H_{49}NO_9$ / 627.78 g/mol
	Synonyms	–

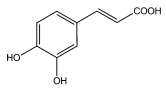
Butyl p-hydroxybenzoate		Product # 89589
	CAS #	[94-26-8]
	Molecular formula / Molecular weight	$C_{11}H_{14}O_3$ / 194.23 g/mol
	Synonyms	Butylparaben; 4-Hydroxybenzoic acid butyl ester

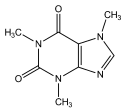
Byakangelicin		Product # 89875
	CAS #	[482-25-7]
	Molecular formula / Molecular weight	$C_{17}H_{18}O_7$ / 334.33 g/mol
	Synonyms	Biacangelicin; Bjacangelicin

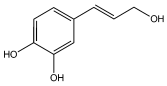
Byakangelicol		Product # 80906
	CAS #	[26091-79-2]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_6$ / 316.31 g/mol
	Synonyms	Biacangelicol

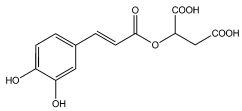
If your substance is missing please check our alphabetical index of synonyms on page 156.

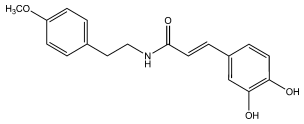
Cafestol		Product # 82294
	CAS #	[469-83-0]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_3$ / 316.44 g/mol
	Synonyms	Cafesterol

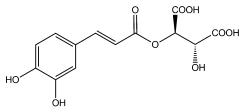
trans-Caffeic acid		Product # 89547
	CAS #	[501-16-6]
	Molecular formula / Molecular weight	$C_9H_8O_4$ / 180.16 g/mol
	Synonyms	trans-3,4-Dihydroxycinnamic acid

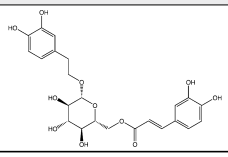
Caffeine		Product # 89591
	CAS #	[58-08-2]
	Molecular formula / Molecular weight	$C_8H_{10}N_4O_2$ / 194.19 g/mol
	Synonyms	7-Methyltheophylline; Theine; 1,3,7-Trimethylxanthine

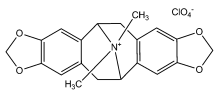
Caffeoyl alcohol		Product # 82489
	CAS #	[3598-26-3]
	Molecular formula / Molecular weight	$C_9H_{10}O_3$ / 166.18 g/mol
	Synonyms	Caffeic alcohol; 3,4-Dihydroxycinnamyl alcohol

Caffeoylmalic acid		Product # 89238
	CAS #	[39015-77-5]
	Molecular formula / Molecular weight	$C_{13}H_{12}O_8$ / 296.23 g/mol
	Synonyms	–

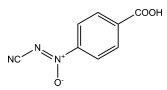
N-Caffeoyl O-methyltyramine		Product # 80376
	CAS #	[189307-47-9]
	Molecular formula / Molecular weight	$C_{18}H_{19}NO_4$ / 313.35 g/mol
	Synonyms	–

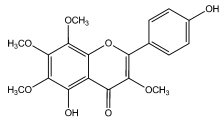
Caftaric acid		Product # 89170
	CAS #	[67879-58-7]
	Molecular formula / Molecular weight	$C_{13}H_{12}O_9$ / 312.23 g/mol
	Synonyms	2-O-Caffeoyltartaric acid

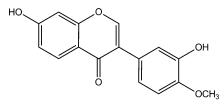
Calceolarioside B		Product # 83482
	CAS #	[105471-98-5]
	Molecular formula / Molecular weight	$C_{23}H_{26}O_{11}$ / 478.45 g/mol
	Synonyms	–

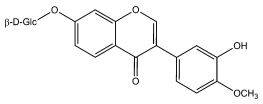
Californidine perchlorate		Product # 89592
	CAS #	[17939-31-0]
	Molecular formula / Molecular weight	$C_{20}H_{20}NO_4^+ \times ClO_4^-$ / 437.83 g/mol
	Synonyms	Californine methoperchlorate; Crychine methoperchlorate; Escholtzine methoperchlorate; N-Methylcalifornine perchlorate; N-Methylcrychine perchlorate; N-Methylescholtzine perchlorate

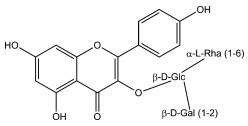
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

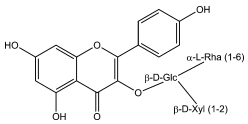
Calvatic acid		Product # 83962
	CAS #	[54723-08-9]
	Molecular formula / Molecular weight	$C_8H_5N_3O_3$ / 191.14 g/mol
	Synonyms	Alvatic acid; Calvatinic acid

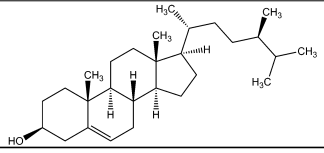
Calycopterin		Product # 82490
	CAS #	[481-52-7]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_8$ / 374.35 g/mol
	Synonyms	Calcycopterin; 4',5-Dihydroxy 3,6,7,8-tetramethoxyflavone

Calycosin		Product # 82491
	CAS #	[20575-57-9]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	Cyclosin; 3',7-Dihydroxy 4'-methoxyisoflavone; 3'-Hydroxyformononetin

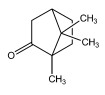
Calycosin 7-glucoside		Product # 82492
	CAS #	[20633-67-4]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{10}$ / 446.41 g/mol
	Synonyms	3',7-Dihydroxy 4'-methoxyisoflavone 7-β-D-glucopyranoside

Camelliaside A		Product # 83483
	CAS #	[135095-52-2]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{20}$ / 756.67 g/mol
	Synonyms	Kaempferol 3-(2G-galactosylrutinoside)

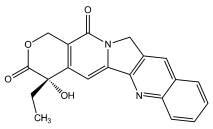
Camelliaside B		Product # 83484
	CAS #	[131573-90-5]
	Molecular formula / Molecular weight	$C_{32}H_{38}O_{19}$ / 726.64 g/mol
	Synonyms	Kaempferol 3-(2G-xylosylrutinoside)

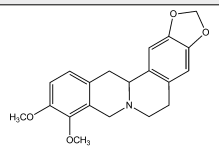
Campesterol		Product # 89514
	CAS #	[474-62-4]
	Molecular formula / Molecular weight	$C_{28}H_{48}O$ / 400.68 g/mol
	Synonyms	Campesterin; 24α-Methylcholesterol

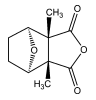
D,L-Camphene		Product # 80063
	CAS #	[79-92-5]
	Molecular formula / Molecular weight	$C_{10}H_{16}$ / 136.24 g/mol
	Synonyms	–

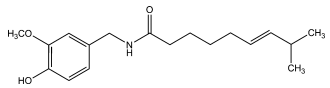
DL-Camphor		Product # 80087
	CAS #	[76-22-2]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	–

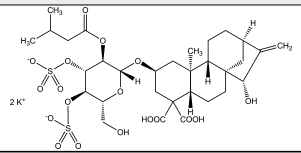
If your substance is missing please check our alphabetical index of synonyms on page 156.

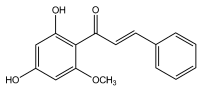
Camptothecin		**Product # 89593**
	CAS #	[7689-03-4]
	Molecular formula / Molecular weight	$C_{20}H_{16}N_2O_4$ / 348.36 g/mol
	Synonyms	–

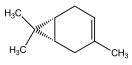
Canadine		**Product # 80378**
	CAS #	[522-97-4]
	Molecular formula / Molecular weight	$C_{20}H_{21}NO_4$ / 339.39 g/mol
	Synonyms	Tetrahydroberberine; Tetrahydroumbellatine; Xanthopuccine

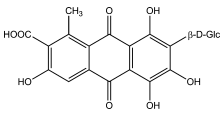
Cantharidin		**Product # 89594**
	CAS #	[56-25-7]
	Molecular formula / Molecular weight	$C_{10}H_{12}O_4$ / 196.20 g/mol
	Synonyms	Cantharone

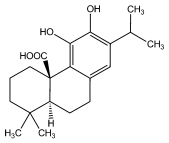
Capsaicin		**Product # 89520**
	CAS #	[404-86-4]
	Molecular formula / Molecular weight	$C_{18}H_{27}NO_3$ / 305.42 g/mol
	Synonyms	8-Methyl N-vanillyl 6-nonenamide

Carboxyatractyloside		**Product # 84196**
	CAS #	[33286-30-5]
	Molecular formula / Molecular weight	$C_{31}H_{44}O_{18}S_2K_2$ / 847.00 g/mol
	Synonyms	Gummiferin

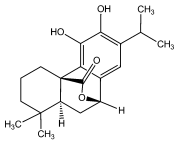
Cardamomin		**Product # 80379**
	CAS #	[19309-14-9]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_4$ / 270.29 g/mol
	Synonyms	Alpinetin chalcone

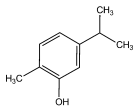
(+)-Δ-3-Carene		**Product # 80088**
	CAS #	[498-15-7]
	Molecular formula / Molecular weight	$C_{10}H_{16}$ / 136.24 g/mol
	Synonyms	–

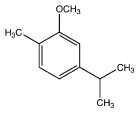
Carminic acid		**Product # 82865**
	CAS #	[1260-17-9]
	Molecular formula / Molecular weight	$C_{22}H_{20}O_{13}$ / 492.93 g/mol
	Synonyms	Cochineal Red PWD; Sun Red 1

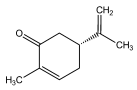
Carnosic acid		**Product # 89171**
	CAS #	[3650-09-7]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_4$ / 332.44 g/mol
	Synonyms	–

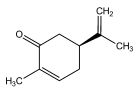
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

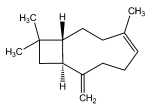
Carnosol		Product # 80150
	CAS #	[5957-80-2]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_4$ / 330.43 g/mol
	Synonyms	–

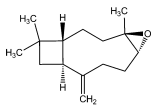
Carvacrol		Product # 80241
	CAS #	[499-75-2]
	Molecular formula / Molecular weight	$C_{10}H_{14}O$ / 150.22 g/mol
	Synonyms	p-Cymene 2-ol; 2-Hydroxy p-cymene; Isothymol

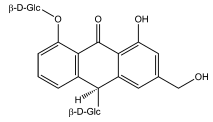
Carvacrol methyl ether		Product # 83363
	CAS #	[6379-73-3]
	Molecular formula / Molecular weight	$C_{11}H_{16}O$ / 164.25 g/mol
	Synonyms	5-Isopropyl 2-methylanisole; 2-Methoxy p-cymol; Methylcarvacrol

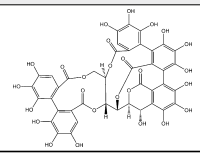
(-)-Carvone		Product # 80099
	CAS #	[6485-40-1]
	Molecular formula / Molecular weight	$C_{10}H_{14}O$ / 150.22 g/mol
	Synonyms	(-)-p-Mentha 6,8-diene 2-one

(+)-Carvone		Product # 80240
	CAS #	[2244-16-8]
	Molecular formula / Molecular weight	$C_{10}H_{14}O$ / 150.22 g/mol
	Synonyms	(+)-p-Mentha 6,8-diene 2-one

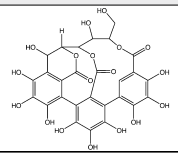
β-Caryophyllene		Product # 80717
	CAS #	[87-44-5]
	Molecular formula / Molecular weight	$C_{15}H_{24}$ / 204.36 g/mol
	Synonyms	trans-Caryophyllene

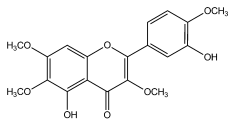
(-)-Caryophyllene oxide		Product # 82496
	CAS #	[1139-30-6]
	Molecular formula / Molecular weight	$C_{15}H_{24}O$ / 220.36 g/mol
	Synonyms	β-Caryophyllene epoxide; trans-Caryophyllene oxide; (-)-Epoxydihydrocaryophyllene

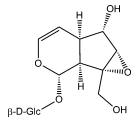
Cascaroside A		Product # 83564
	CAS #	[53823-08-8]
	Molecular formula / Molecular weight	$C_{27}H_{32}O_{14}$ / 580.53 g/mol
	Synonyms	–

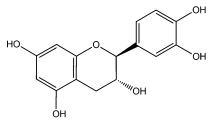
Castalagin		Product # 83486
	CAS #	[24312-00-3]
	Molecular formula / Molecular weight	$C_{41}H_{26}O_{26}$ / 934.64 g/mol
	Synonyms	33β-Vescalagin

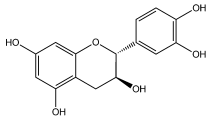
If your substance is missing please check our alphabetical index of synonyms on page 156.

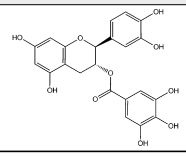
Castalin		Product # 83487
	CAS #	[19086-75-0]
	Molecular formula / Molecular weight	$C_{27}H_{20}O_{18}$ / 632.45 g/mol
	Synonyms	–

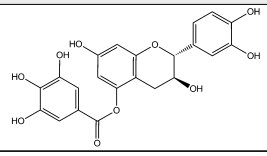
Casticin		Product # 89173
	CAS #	[479-91-4]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_8$ / 374.35 g/mol
	Synonyms	3',5-Dihydroxy 3,4',6,7-tetramethoxyflavone; Quercetagetin 3,4',6,7-tetramethyl ether; 3,4',6,7-Tetra-O-methylquercetagetin; Vitexicarpin

Catalpol		Product # 89595
	CAS #	[2415-24-9]
	Molecular formula / Molecular weight	$C_{15}H_{22}O_{10}$ / 362.33 g/mol
	Synonyms	Catalpinoside; De(p-hydroxybenzoyl)catalposide

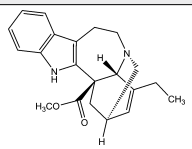
(-)-Catechin		Product # 80992
	CAS #	[18829-70-4]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_6$ / 290.27 g/mol
	Synonyms	L-Catechin

(+)-Catechin		Product # 89172
	CAS #	[154-23-4]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_6$ / 290.27 g/mol
	Synonyms	(+)-Cyanidanol; D-Catechin

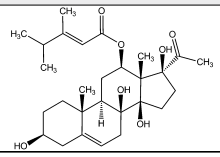
(-)-Catechin 3-gallate		Product # 82497
	CAS #	[130405-40-2]
	Molecular formula / Molecular weight	$C_{22}H_{18}O_{10}$ / 442.38 g/mol
	Synonyms	–

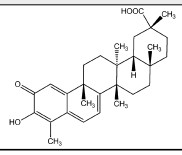
(+)-Catechin 5-gallate		Product # 82498
	CAS #	[128232-62-2]
	Molecular formula / Molecular weight	$C_{22}H_{18}O_{10}$ / 442.38 g/mol
	Synonyms	–

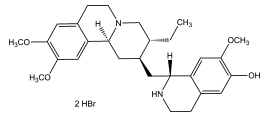
Catechol		Product # 82372
	CAS #	[120-80-9]
	Molecular formula / Molecular weight	$C_6H_6O_2$ / 110.11 g/mol
	Synonyms	1,2-Benzenediol; 1,2-Dihydroxybenzene; 2-Hydroxyphenol; Pyrocatechin; Pyrocatechol

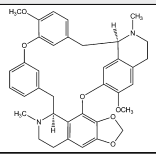
Catharanthine		Product # 80380
	CAS #	[2468-21-5]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_2$ / 336.44 g/mol
	Synonyms	(+)-3,4-Didehydrocoronaridine

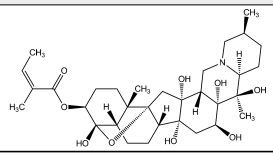
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

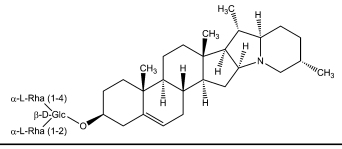
Caudatin		Product # 89596
	CAS #	[38395-02-7]
	Molecular formula / Molecular weight	$C_{28}H_{42}O_7$ / 490.64 g/mol
	Synonyms	–

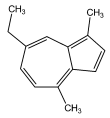
Celastrol		Product # 80381
	CAS #	[34157-83-0]
	Molecular formula / Molecular weight	$C_{29}H_{38}O_4$ / 450.62 g/mol
	Synonyms	Tripterin

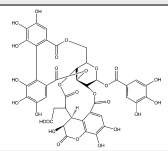
Cephaeline dihydrobromide		Product # 80134
	CAS #	[6014-81-9]
	Molecular formula / Molecular weight	$C_{28}H_{38}N_2O_4 \times 2$ HBr / 628.45 g/mol
	Synonyms	–

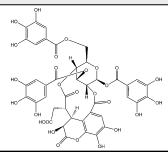
Cepharanthine		Product # 89599
	CAS #	[481-49-2]
	Molecular formula / Molecular weight	$C_{37}H_{38}N_2O_6$ / 606.72 g/mol
	Synonyms	O-Methylcepharanoline

Cevadine		Product # 82921
	CAS #	[62-59-9]
	Molecular formula / Molecular weight	$C_{32}H_{49}NO_9$ / 591.74 g/mol
	Synonyms	–

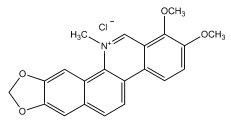
α-Chaconine		Product # 80075
	CAS #	[20562-03-2]
	Molecular formula / Molecular weight	$C_{45}H_{73}NO_{14}$ / 852.08 g/mol
	Synonyms	–

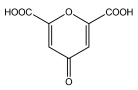
Chamazulene		Product # 89174
	CAS #	[529-05-5]
	Molecular formula / Molecular weight	$C_{14}H_{16}$ / 184.28 g/mol
	Synonyms	Dimethulene

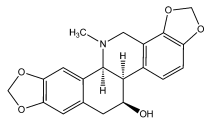
Chebulagic acid		Product # 80570
	CAS #	[23094-71-5]
	Molecular formula / Molecular weight	$C_{41}H_{30}O_{27}$ / 954.67 g/mol
	Synonyms	–

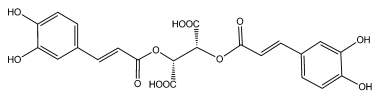
Chebulinic acid		Product # 80572
	CAS #	[18942-26-2]
	Molecular formula / Molecular weight	$C_{41}H_{32}O_{27}$ / 956.69 g/mol
	Synonyms	Eutannin

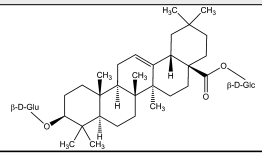
If your substance is missing please check our alphabetical index of synonyms on page 156.

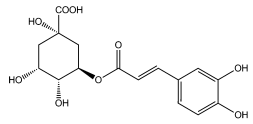
Chelerythrine chloride		Product # 89896
	CAS #	[3895-92-9]
	Molecular formula / Molecular weight	$C_{21}H_{18}NO_4Cl$ / 383.83 g/mol
	Synonyms	Toddaline chloride

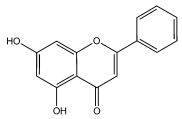
Chelidonic acid		Product # 80239
	CAS #	[99-32-1]
	Molecular formula / Molecular weight	$C_7H_4O_6$ / 184.10 g/mol
	Synonyms	Jerva acid; Jervaic acid; Jervasic acid

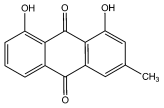
Chelidonine		Product # 89600
	CAS #	[476-32-4]
	Molecular formula / Molecular weight	$C_{20}H_{19}NO_5$ / 353.38 g/mol
	Synonyms	Stylophorine

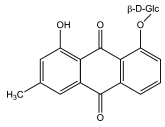
Chicoric acid		Product # 89177
	CAS #	[70831-56-0]
	Molecular formula / Molecular weight	$C_{22}H_{18}O_{12}$ / 474.38 g/mol
	Synonyms	Caffeoyltartaric acid; Cichoric acid; Dicaffeoyltartaric acid

Chikusetsusaponin IVa		Product # 84205
	CAS #	[51415-02-2]
	Molecular formula / Molecular weight	$C_{42}H_{66}O_{14}$ / 794.97 g/mol
	Synonyms	Calenduloside F; Momordin IIb; Oleanolic acid 3-glucuronide 28-glucoside; Silphioside G

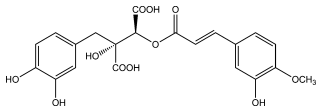
Chlorogenic acid		Product # 89175
	CAS #	[327-97-9]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_9$ / 354.31 g/mol
	Synonyms	3-Caffeoylquinic acid (CAS); 5-Caffeoylquinic acid (IUPAC)

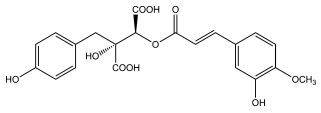
Chrysin		Product # 80382
	CAS #	[480-40-0]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_4$ / 254.24 g/mol
	Synonyms	5,7-Dihydroxyflavone

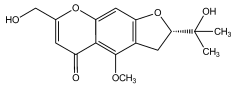
Chrysophanol		Product # 89378
	CAS #	[481-74-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_4$ / 254.24 g/mol
	Synonyms	Chrysophanic acid; 1,8-Dihydroxy 3-methyl 9,10-anthraquinone; 3-Methylchrysazin

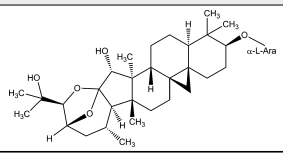
Chrysophanol 8-glucoside		Product # 84206
	CAS #	[13241-28-6]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_9$ / 416.38 g/mol
	Synonyms	Pulmatin

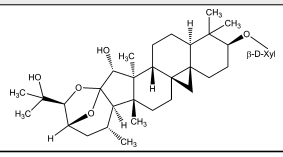
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

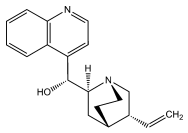
Cimicifugic acid B		Product # 84142
	CAS #	[205114-66-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	–

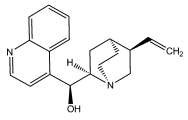
Cimicifugic acid F		Product # 84141
	CAS #	[220618-91-7]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	–

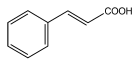
Cimifugin		Product # 89387
	CAS #	[37921-38-3]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_6$ / 306.32 g/mol
	Synonyms	Cimitin

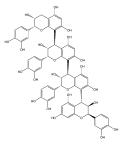
Cimigenol 3-α-L-arabinoside		Product # 83329
	CAS #	[256925-92-5]
	Molecular formula / Molecular weight	$C_{35}H_{56}O_9$ / 620.83 g/mol
	Synonyms	Cimicifugoside M; Cimiracemoside C

Cimigenol 3-β-D-xyloside		Product # 83330
	CAS #	[27994-11-2]
	Molecular formula / Molecular weight	$C_{35}H_{56}O_9$ / 620.83 g/mol
	Synonyms	Cimicifugol xyloside; Cimigenoside; Cimigoside

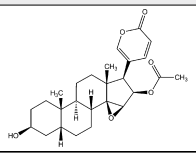
(-)-Cinchonidine		Product # 80961
	CAS #	[485-71-2]
	Molecular formula / Molecular weight	$C_{19}H_{22}N_2O$ / 294.40 g/mol
	Synonyms	Cinchovatine; α-Quinidine

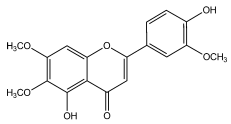
(+)-Cinchonine		Product # 80963
	CAS #	[118-10-5]
	Molecular formula / Molecular weight	$C_{19}H_{22}N_2O$ / 294.40 g/mol
	Synonyms	–

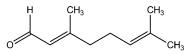
trans-Cinnamic acid		Product # 89608
	CAS #	[140-10-3]
	Molecular formula / Molecular weight	$C_9H_8O_2$ / 148.16 g/mol
	Synonyms	Phenylacrylic acid; 3-Phenyl 2-propenoic acid

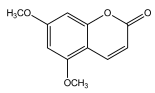
Cinnamtannin A2		Product # 83372
	CAS #	[86631-38-1]
	Molecular formula / Molecular weight	$C_{60}H_{50}O_{24}$ / 1155.04 g/mol
	Synonyms	Cinnamtannin I; Epicatechin tetramer

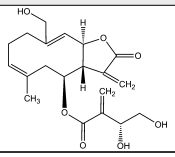
If your substance is missing please check our alphabetical index of synonyms on page 156.

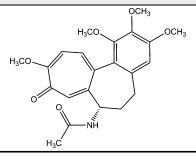
Cinobufagin		Product # 89609
	CAS #	[470-37-1]
	Molecular formula / Molecular weight	$C_{26}H_{34}O_6$ / 442.55 g/mol
	Synonyms	–

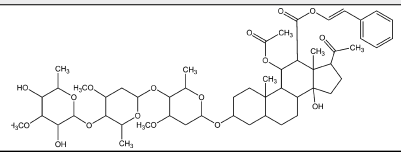
Cirsilineol		Product # 82500
	CAS #	[41365-32-6]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	Anisomelin; 4',5-Dihydroxy 3',6,7-trimethoxyflavone; Eupatrin; Fastigenin; 6-Methoxyluteolin 3',7-dimethyl ether

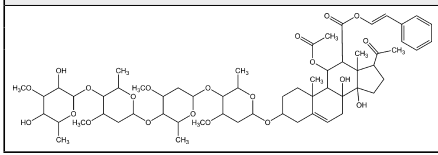
Citral		Product # 82501
	CAS #	[5392-40-5]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	3,7-Dimethyl 2,6-octadiene 1-al

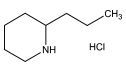
Citropten		Product # 80333
	CAS #	[487-06-9]
	Molecular formula / Molecular weight	$C_{11}H_{10}O_4$ / 206.20 g/mol
	Synonyms	5,7-Dimethoxycoumarin; Limettin

Cnicin		Product # 80384
	CAS #	[24394-09-0]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_7$ / 378.42 g/mol
	Synonyms	–

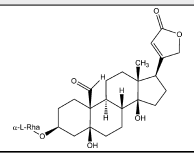
Colchicine		Product # 89610
	CAS #	[64-86-8]
	Molecular formula / Molecular weight	$C_{22}H_{25}NO_6$ / 399.44 g/mol
	Synonyms	–

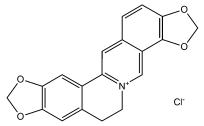
Condurango glycoside A		Product # 83941
	CAS #	[11051-90-4]
	Molecular formula / Molecular weight	$C_{53}H_{78}O_{17}$ / 987.18 g/mol
	Synonyms	–

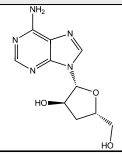
Condurango glycoside E2		Product # 83940
	CAS #	[115784-09-3]
	Molecular formula / Molecular weight	$C_{60}H_{88}O_{21}$ / 1145.33 g/mol
	Synonyms	–

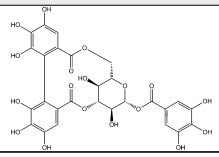
Coniine hydrochloride		Product # 80201
	CAS #	[15991-59-0]
	Molecular formula / Molecular weight	$C_8H_{17}N \times HCl$ / 163.69 g/mol
	Synonyms	2-Propylpiperidine hydrochloride

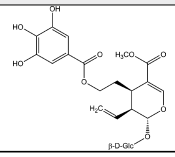
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

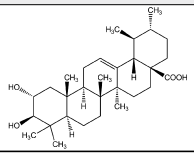
Convallatoxin		Product # 80834
	CAS #	[508-75-8]
	Molecular formula / Molecular weight	$C_{29}H_{42}O_{10}$ / 550.65 g/mol
	Synonyms	Corglycon; Strophanthidin α-L-rhamnoside

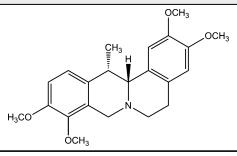
Coptisin chloride		Product # 89524
	CAS #	[6020-18-4]
	Molecular formula / Molecular weight	$C_{19}H_{14}NO_4Cl$ / 355.78 g/mol
	Synonyms	–

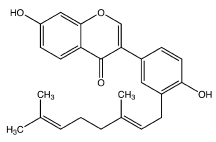
Cordycepin		Product # 82505
	CAS #	[73-03-0]
	Molecular formula / Molecular weight	$C_{10}H_{13}N_5O_3$ / 251.25 g/mol
	Synonyms	3'-Deoxyadenosine

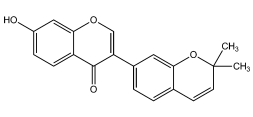
Corilagin		Product # 80390
	CAS #	[23094-69-1]
	Molecular formula / Molecular weight	$C_{27}H_{22}O_{18}$ / 634.46 g/mol
	Synonyms	–

Cornuside		Product # 83331
	CAS #	[131189-57-6]
	Molecular formula / Molecular weight	$C_{24}H_{30}O_{14}$ / 542.49 g/mol
	Synonyms	–

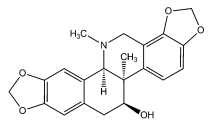
Corosolic acid		Product # 80065
	CAS #	[4547-24-4]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_4$ / 472.71 g/mol
	Synonyms	Colosic acid; 2α-Hydroxyursolic acid

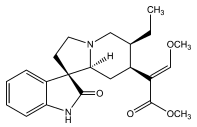
Corydaline		Product # 83996
	CAS #	[518-69-4]
	Molecular formula / Molecular weight	$C_{22}H_{27}NO_4$ / 369.45 g/mol
	Synonyms	–

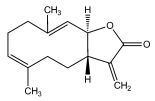
Corylifol A		Product # 83488
	CAS #	[775351-88-7]
	Molecular formula / Molecular weight	$C_{25}H_{26}O_4$ / 390.48 g/mol
	Synonyms	Corylinin

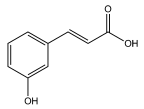
Corylin		Product # 83287
	CAS #	[53947-92-5]
	Molecular formula / Molecular weight	$C_{20}H_{16}O_4$ / 320.35 g/mol
	Synonyms	–

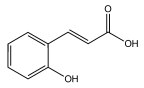
If your substance is missing please check our alphabetical index of synonyms on page 156.

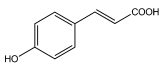
Corynoline		Product # 80574
	CAS #	[18797-79-0]
	Molecular formula / Molecular weight	$C_{21}H_{21}NO_5$ / 367.40 g/mol
	Synonyms	13-Methylchelidonine

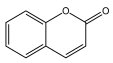
Corynoxine B		Product # 83572
	CAS #	[17391-18-3]
	Molecular formula / Molecular weight	$C_{22}H_{28}N_2O_4$ / 384.47 g/mol
	Synonyms	7-Isocorynoxine

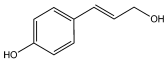
Costunolide		Product # 89611
	CAS #	[553-21-9]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_2$ / 232.32 g/mol
	Synonyms	Costus lactone

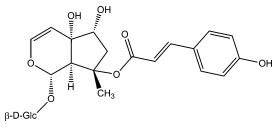
trans-m-Coumaric acid		Product # 83258
	CAS #	[14755-02-3]
	Molecular formula / Molecular weight	$C_9H_8O_3$ / 164.16 g/mol
	Synonyms	trans-3-Hydroxycinnamic acid; (E)-3-(3-Hydroxyphenyl)acrylic acid

trans-o-Coumaric acid		Product # 82343
	CAS #	[614-60-8]
	Molecular formula / Molecular weight	$C_9H_8O_3$ / 164.16 g/mol
	Synonyms	trans-2-Hydroxycinnamic acid; (E)-3-(2-Hydroxyphenyl)acrylic acid

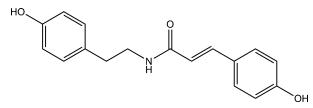
trans-p-Coumaric acid		Product # 89498
	CAS #	[501-98-4]
	Molecular formula / Molecular weight	$C_9H_8O_3$ / 164.16 g/mol
	Synonyms	trans-4-Hydroxycinnamic acid; (E)-3-(4-Hydroxyphenyl)acrylic acid; Naringeninic acid

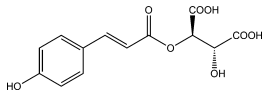
Coumarin		Product # 80017
	CAS #	[91-64-5]
	Molecular formula / Molecular weight	$C_9H_6O_2$ / 146.15 g/mol
	Synonyms	–

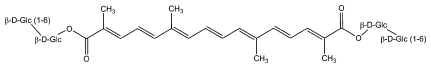
p-Coumaroyl alcohol		Product # 82506
	CAS #	[3690-05-9]
	Molecular formula / Molecular weight	$C_9H_{10}O_2$ / 150.18 g/mol
	Synonyms	p-Coumaric alcohol; 4-Hydroxycinnamyl alcohol; 3-(p-Hydroxyphenyl) 2-propene 1-ol

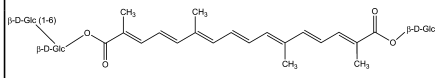
8-p-Coumaroylharpagide		Product # 89178
	CAS #	[87686-74-6]
	Molecular formula / Molecular weight	$C_{24}H_{30}O_{12}$ / 510.50 g/mol
	Synonyms	–

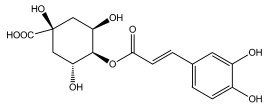
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

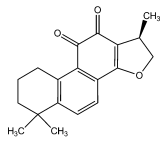
N-trans-p-Coumaroyltyramine		Product # 83842
	CAS #	[36417-86-4]
	Molecular formula / Molecular weight	$C_{17}H_{17}NO_3$ / 283.32 g/mol
	Synonyms	Paprazine

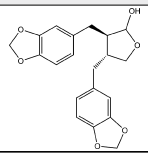
trans-Coutaric acid		Product # 83843
	CAS #	[27174-07-8]
	Molecular formula / Molecular weight	$C_{13}H_{12}O_8$ / 296.23 g/mol
	Synonyms	trans-p-Coumaroyltartaric acid

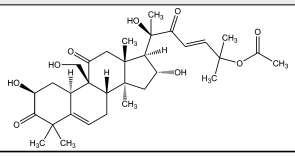
Crocin		Product # 80391
	CAS #	[42553-65-1]
	Molecular formula / Molecular weight	$C_{44}H_{64}O_{24}$ / 976.98 g/mol
	Synonyms	Crocetin bis(gentiobiosyl) ester; Crocetin digentiobioside; α-Crocin; Crocin 1; Crocin 4

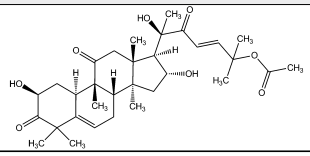
Crocin 2		Product # 80392
	CAS #	[55750-84-0]
	Molecular formula / Molecular weight	$C_{38}H_{54}O_{19}$ / 814.84 g/mol
	Synonyms	Crocetin gentiobiosylglucosyl ester; Crocin 3; Tricrocin

Cryptochlorogenic acid		Product # 80393
	CAS #	[905-99-7]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_9$ / 354.31 g/mol
	Synonyms	4-Caffeoylquinic acid

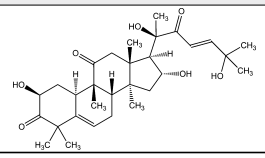
Cryptotanshinone		Product # 89612
	CAS #	[35825-57-1]
	Molecular formula / Molecular weight	$C_{19}H_{20}O_3$ / 296.37 g/mol
	Synonyms	Tanshinone C

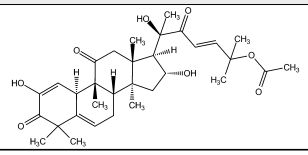
Cubebin		Product # 83180
	CAS #	[1242843-00-0]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_6$ / 356.37 g/mol
	Synonyms	–

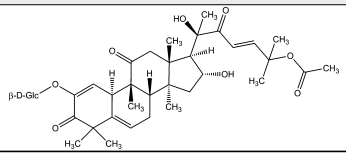
Cucurbitacin A		Product # 84046
	CAS #	[6040-19-3]
	Molecular formula / Molecular weight	$C_{32}H_{46}O_9$ / 574.70 g/mol
	Synonyms	–

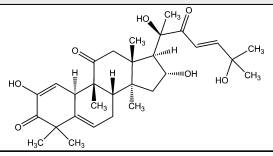
Cucurbitacin B		Product # 82226
	CAS #	[6199-67-3]
	Molecular formula / Molecular weight	$C_{32}H_{46}O_8$ / 558.71 g/mol
	Synonyms	Amarine

If your substance is missing please check our alphabetical index of synonyms on page 156.

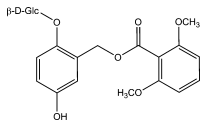
Cucurbitacin D		Product # 80254
	CAS #	[3877-86-9]
	Molecular formula / Molecular weight	$C_{30}H_{44}O_7$ / 516.67 g/mol
	Synonyms	Elatericin A

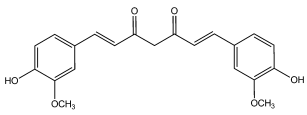
Cucurbitacin E		Product # 80013
	CAS #	[18444-66-1]
	Molecular formula / Molecular weight	$C_{32}H_{44}O_8$ / 556.70 g/mol
	Synonyms	α-Elaterin

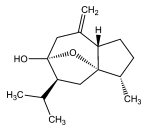
Cucurbitacin E-2-O-glucoside		Product # 89613
	CAS #	[1398-78-3]
	Molecular formula / Molecular weight	$C_{38}H_{54}O_{13}$ / 718.84 g/mol
	Synonyms	Colocynthin; Coloside A; Elaterinide; α-Elaterin 2-D-glucopyranoside; Gratiotoxin

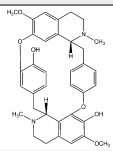
Cucurbitacin I		Product # 89464
	CAS #	[2222-07-3]
	Molecular formula / Molecular weight	$C_{30}H_{42}O_7$ / 514.66 g/mol
	Synonyms	Elatericin B

Cucurbitin chloride		Product # 80034
	CAS #	[80546-88-9] (free base)
	Molecular formula / Molecular weight	$C_5H_{10}N_2O_2$ / 130.15 g/mol (free base)
	Synonyms	3-Amino 3-pyrrolidinecarboxylic acid

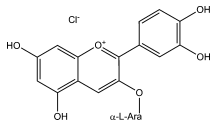
Curculigoside		Product # 80576
	CAS #	[85643-19-2]
	Molecular formula / Molecular weight	$C_{22}H_{26}O_{11}$ / 466.44 g/mol
	Synonyms	Curculigoside A

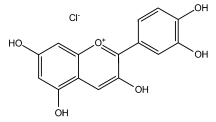
Curcumin		Product # 89180
	CAS #	[458-37-7]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_6$ / 368.39 g/mol
	Synonyms	Diferuloylmethane

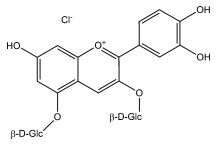
Curcumol		Product # 82299
	CAS #	[4871-97-0]
	Molecular formula / Molecular weight	$C_{15}H_{24}O_2$ / 236.36 g/mol
	Synonyms	–

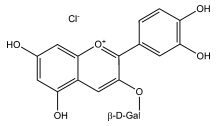
(-)-Curine		Product # 80979
	CAS #	[436-05-5]
	Molecular formula / Molecular weight	$C_{36}H_{38}N_2O_6$ / 594.71 g/mol
	Synonyms	Aristolochine; (-)-Bebeerine

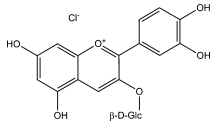
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

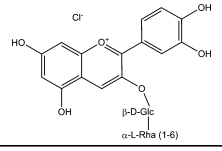
Cyanidin 3-arabinoside chloride		Product # 89614
	CAS #	[111613-04-8]
	Molecular formula / Molecular weight	$C_{20}H_{19}O_{10}Cl$ / 454.82 g/mol
	Synonyms	–

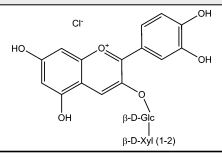
Cyanidin chloride		Product # 80022
	CAS #	[528-58-5]
	Molecular formula / Molecular weight	$C_{15}H_{11}O_6Cl$ / 322.70 g/mol
	Synonyms	Cyanidol chloride; 3,3',4',5,7-Pentahydroxyflavylium chloride

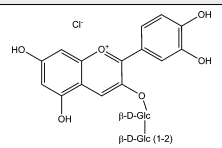
Cyanidin 3,5-diglucoside chloride		Product # 89615
	CAS #	[2611-67-8]
	Molecular formula / Molecular weight	$C_{27}H_{31}O_{16}Cl$ / 646.99 g/mol
	Synonyms	Cyanin chloride

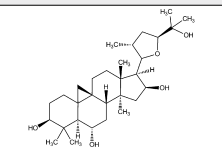
Cyanidin 3-galactoside chloride		Product # 89463
	CAS #	[27661-36-5]
	Molecular formula / Molecular weight	$C_{21}H_{21}O_{11}Cl$ / 484.84 g/mol
	Synonyms	Ideain chloride

Cyanidin 3-glucoside chloride		Product # 89616
	CAS #	[7084-24-4]
	Molecular formula / Molecular weight	$C_{21}H_{21}O_{11}Cl$ / 484.84 g/mol
	Synonyms	Asterin chloride; Chrysanthemin chloride; Glucocyanidin chloride; Kuromanin chloride

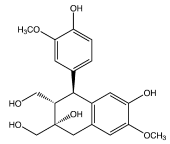
Cyanidin 3-rutinoside chloride		Product # 80577
	CAS #	[18719-76-1]
	Molecular formula / Molecular weight	$C_{27}H_{31}O_{15}Cl$ / 630.99 g/mol
	Synonyms	Antirrhinin chloride; Cyanidin 3-rhamnoglucoside chloride; Cyaninoside chloride; Keracyanin chloride; Prunicyanin chloride; 3-O-Rutinosylcyanidin chloride; Sambucin chloride

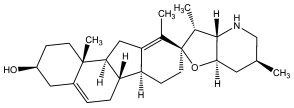
Cyanidin 3-sambubioside chloride		Product # 89617
	CAS #	[33012-73-6]
	Molecular formula / Molecular weight	$C_{26}H_{29}O_{15}Cl$ / 616.96 g/mol
	Synonyms	Cyanidin 3-(2-O-xylosylglucoside) chloride; Sambicyanin chloride

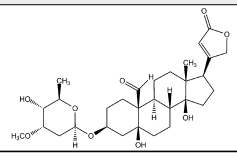
Cyanidin 3-sophoroside chloride		Product # 80579
	CAS #	[18376-31-3]
	Molecular formula / Molecular weight	$C_{27}H_{31}O_{16}Cl$ / 646.99 g/mol
	Synonyms	Sophoroside chloride

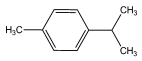
Cycloastragenol		Product # 82509
	CAS #	[78574-94-4]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_5$ / 490.73 g/mol
	Synonyms	Astramembrangenin; Cyclosieversigenin

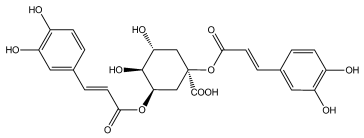
If your substance is missing please check our alphabetical index of synonyms on page 156.

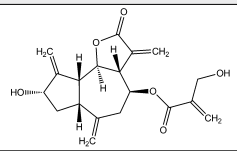
Cycloolivil		Product # 83489
	CAS #	[3064-05-9]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_7$ / 376.41 g/mol
	Synonyms	Isoolivil

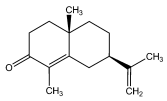
Cyclopamine		Product # 82510
	CAS #	[4449-51-8]
	Molecular formula / Molecular weight	$C_{27}H_{41}NO_2$ / 411.63 g/mol
	Synonyms	11-Deoxyjervine

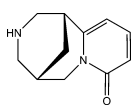
Cymarin		Product # 89838
	CAS #	[508-77-0]
	Molecular formula / Molecular weight	$C_{30}H_{44}O_9$ / 548.68 g/mol
	Synonyms	k-Strophanthin-α; Strophantin K

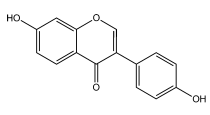
p-Cymene		Product # 80836
	CAS #	[99-87-6]
	Molecular formula / Molecular weight	$C_{10}H_{14}$ / 134.22 g/mol
	Synonyms	–

Cynarin		Product # 89179
	CAS #	[30964-13-7]
	Molecular formula / Molecular weight	$C_{25}H_{24}O_{12}$ / 516.46 g/mol
	Synonyms	1,3-Dicaffeoylquinic acid (IUPAC); 1,5-Dicaffeoylquinic acid (CAS)

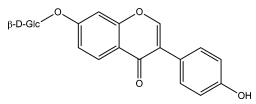
Cynaropicrin		Product # 89619
	CAS #	[35730-78-0]
	Molecular formula / Molecular weight	$C_{19}H_{22}O_6$ / 346.38 g/mol
	Synonyms	–

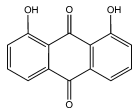
α-Cyperone		Product # 89857
	CAS #	[473-08-5]
	Molecular formula / Molecular weight	$C_{15}H_{22}O$ / 218.34 g/mol
	Synonyms	Eudesma 4,11-diene 3-one

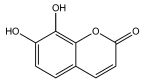
Cytisine		Product # 80401
	CAS #	[485-35-8]
	Molecular formula / Molecular weight	$C_{11}H_{14}N_2O$ / 190.25 g/mol
	Synonyms	Baptitoxin; Laburnin; Sophorine; Ulexine

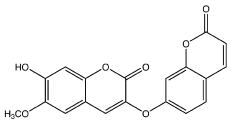
Daidzein		Product # 89181
	CAS #	[486-66-8]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_4$ / 254.24 g/mol
	Synonyms	4',7-Dihydroxyisoflavone; Isoaurostatin

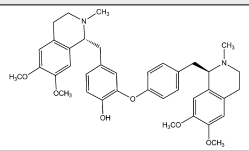
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

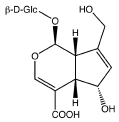
Daidzin		Product # 89182
	CAS #	[552-66-9]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_9$ / 416.39 g/mol
	Synonyms	4',7-Dihydroxyisoflavone 7-glucoside; Daidzein 7-glucoside

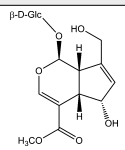
Danthrone		Product # 89620
	CAS #	[117-10-2]
	Molecular formula / Molecular weight	$C_{14}H_8O_4$ / 240.22 g/mol
	Synonyms	Chrysazin; 1,8-Dihydroxyanthraquinone

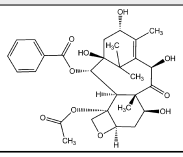
Daphnetin		Product # 89621
	CAS #	[486-35-1]
	Molecular formula / Molecular weight	$C_9H_6O_4$ / 178.14 g/mol
	Synonyms	Daphnetol; 7,8-Dihydroxycoumarin; Ruixiangsu

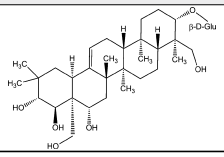
Daphnoretin		Product # 83490
	CAS #	[2034-69-7]
	Molecular formula / Molecular weight	$C_{19}H_{12}O_7$ / 352.30 g/mol
	Synonyms	Thymelol

Dauricine		Product # 80419
	CAS #	[524-17-4]
	Molecular formula / Molecular weight	$C_{38}H_{44}N_2O_6$ / 624.78 g/mol
	Synonyms	–

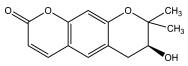
Deacetylasperulosidic acid		Product # 83491
	CAS #	[14259-55-3]
	Molecular formula / Molecular weight	$C_{16}H_{22}O_{11}$ / 390.34 g/mol
	Synonyms	–

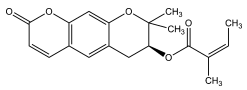
Deacetylasperulosidic acid methyl ester		Product # 84207
	CAS #	[52613-28-2]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{11}$ / 404.37 g/mol
	Synonyms	6α-Hydroxygeniposide; Methyl deactylasperulosidate

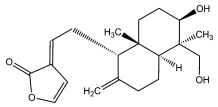
10-Deacetylbaccatin III		Product # 89622
	CAS #	[32981-86-5]
	Molecular formula / Molecular weight	$C_{29}H_{36}O_{10}$ / 544.60 g/mol
	Synonyms	–

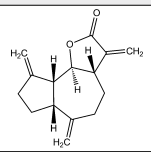
Deacylgymnemic acid		Product # 80420
	CAS #	[121686-42-8]
	Molecular formula / Molecular weight	$C_{36}H_{58}O_{12}$ / 682.85 g/mol
	Synonyms	–

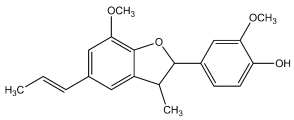
If your substance is missing please check our alphabetical index of synonyms on page 156.

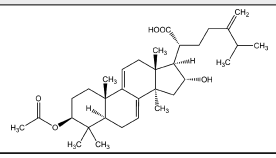
Decursinol		Product # 84208
	CAS #	[23458-02-8]
	Molecular formula / Molecular weight	$C_{14}H_{14}O_4$ / 246.26 g/mol
	Synonyms	Smyrinol

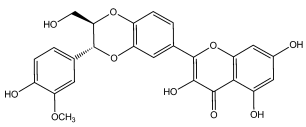
Decursinol angelate		Product # 84209
	CAS #	[130848-06-5]
	Molecular formula / Molecular weight	$C_{19}H_{20}O_5$ / 328.36 g/mol
	Synonyms	Acutilobin

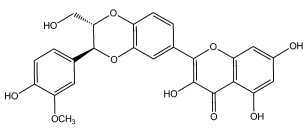
Dehydroandrographolide		Product # 89623
	CAS #	[134418-28-3]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_4$ / 332.44 g/mol
	Synonyms	–

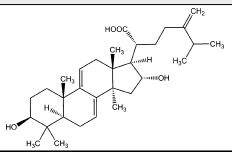
Dehydrocostus lactone		Product # 89624
	CAS #	[477-43-0]
	Molecular formula / Molecular weight	$C_{15}H_{18}O_2$ / 230.31 g/mol
	Synonyms	Epiligulyl oxide

Dehydrodiisoeugenol		Product # 83844
	CAS #	[2680-81-1]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_4$ / 326.39 g/mol
	Synonyms	–

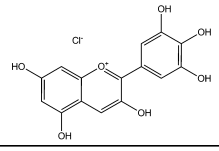
9-Dehydropachymic acid		Product # 83845
	CAS #	[77012-31-8]
	Molecular formula / Molecular weight	$C_{33}H_{50}O_5$ / 526.75 g/mol
	Synonyms	–

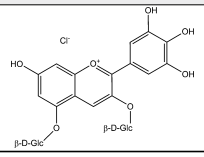
2,3-Dehydrosilybin A		Product # 82877
	CAS #	[25166-14-7]
	Molecular formula / Molecular weight	$C_{25}H_{20}O_{10}$ / 480.43 g/mol
	Synonyms	2,3-Dehydrosilymarin

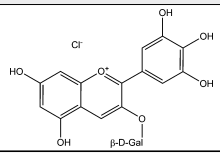
2,3-Dehydrosilybin B		Product # 82878
	CAS #	[142796-24-5]
	Molecular formula / Molecular weight	$C_{25}H_{20}O_{10}$ / 480.43 g/mol
	Synonyms	–

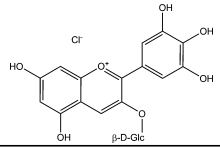
Dehydrotumulosic acid		Product # 83837
	CAS #	[6754-16-1]
	Molecular formula / Molecular weight	$C_{31}H_{48}O_4$ / 484.71 g/mol
	Synonyms	–

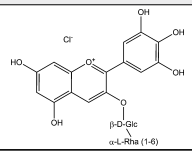
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

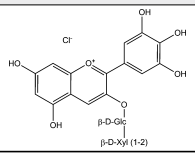
Delphinidin chloride		Product # 89625
	CAS #	[528-53-0]
	Molecular formula / Molecular weight	$C_{15}H_{11}O_7Cl$ / 338.70 g/mol
	Synonyms	3,3',4',5,5',7-Hexahydroxyflavylium chloride

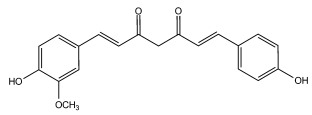
Delphinidin 3,5-diglucoside chloride		Product # 89626
	CAS #	[17670-06-3]
	Molecular formula / Molecular weight	$C_{27}H_{31}O_{17}Cl$ / 662.99 g/mol
	Synonyms	Awobanin A chloride; Delphin chloride

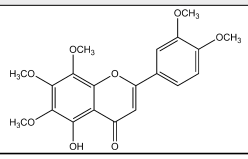
Delphinidin 3-galactoside chloride		Product # 89506
	CAS #	[28500-00-7]
	Molecular formula / Molecular weight	$C_{21}H_{21}O_{12}Cl$ / 500.84 g/mol
	Synonyms	Empetrin chloride

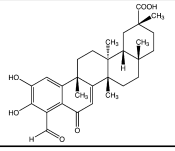
Delphinidin 3-glucoside chloride		Product # 89627
	CAS #	[6906-38-3]
	Molecular formula / Molecular weight	$C_{21}H_{21}O_{12}Cl$ / 500.84 g/mol
	Synonyms	Delphinin chloride; Myrtillin chloride

Delphinidin 3-rutinoside chloride		Product # 80735
	CAS #	[15674-58-5]
	Molecular formula / Molecular weight	$C_{27}H_{31}O_{16}Cl$ / 646.99 g/mol
	Synonyms	3-O-Rutinosyldelphinidin chloride; Tulipanin chloride

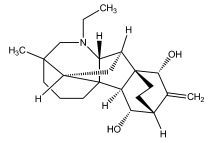
Delphinidin 3-sambubioside chloride		Product # 82249
	CAS #	[53158-73-9]
	Molecular formula / Molecular weight	$C_{26}H_{29}O_{16}Cl$ / 632.96 g/mol
	Synonyms	–

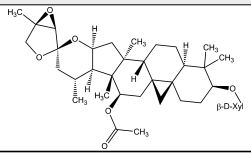
Demethoxycurcumin		Product # 89628
	CAS #	[22608-11-3]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_5$ / 338.36 g/mol
	Synonyms	Curcumin II; Monodemethoxycurcumin

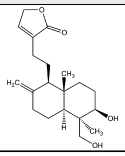
5-Demethylnobiletin		Product # 82477
	CAS #	[2174-59-6]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_8$ / 388.37 g/mol
	Synonyms	5-Hydroxy 3',4',6,7,8-pentamethoxyflavone

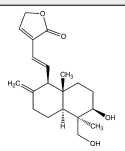
Demethylzeylasteral		Product # 83493
	CAS #	[107316-88-1]
	Molecular formula / Molecular weight	$C_{29}H_{36}O_6$ / 480.60 g/mol
	Synonyms	TZ 93

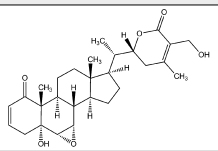
If your substance is missing please check our alphabetical index of synonyms on page 156.

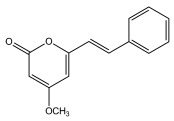
Denudatine		Product # 82515
	CAS #	[26166-37-0]
	Molecular formula / Molecular weight	$C_{22}H_{33}NO_2$ / 343.51 g/mol
	Synonyms	–

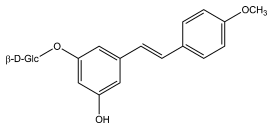
23-epi-26-Deoxyactein		Product # 89183
	CAS #	[501938-01-8]
	Molecular formula / Molecular weight	$C_{37}H_{56}O_{10}$ / 660.85 g/mol
	Synonyms	26-Deoxyactein; 27-Deoxyactein

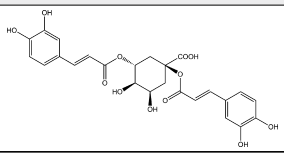
14-Deoxyandrographolide		Product # 84210
	CAS #	[4176-97-0]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_4$ / 334.45 g/mol
	Synonyms	–

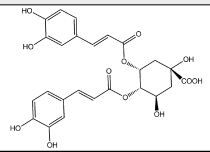
14-Deoxy 11,14-didehydroandrographolide		Product # 89631
	CAS #	[42895-58-9]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_4$ / 332.44 g/mol
	Synonyms	–

12-Deoxywithastramonolide		Product # 80422
	CAS #	[60124-17-6]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_6$ / 470.61 g/mol
	Synonyms	Baimantuoluoside C aglycone; 27-Hydroxywithanolide B

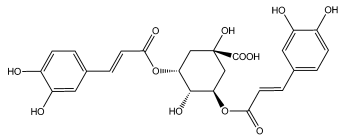
Desmethoxyyangonin		Product # 89184
	CAS #	[15345-89-8]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_3$ / 228.25 g/mol
	Synonyms	5,6-Dehydrokavain

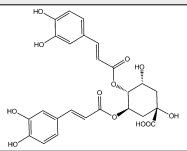
Desoxyrhaponticin		Product # 82310
	CAS #	[30197-14-9]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_8$ / 404.41 g/mol
	Synonyms	3,5-Dihydroxy 4'-methoxystilbene 3-glucoside

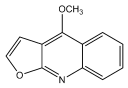
1,5-Dicaffeoylquinic acid		Product # 82221
	CAS #	[19870-46-3]
	Molecular formula / Molecular weight	$C_{25}H_{24}O_{12}$ / 516.46 g/mol
	Synonyms	1,3-Dicaffeoylquinic acid (CAS)

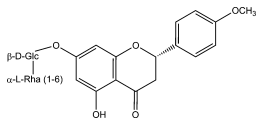
3,4-Dicaffeoylquinic acid		Product # 80425
	CAS #	[57378-72-0]
	Molecular formula / Molecular weight	$C_{25}H_{24}O_{12}$ / 516.46 g/mol
	Synonyms	4,5-Dicaffeoylquinic acid (CAS); Isochlorogenic acid C

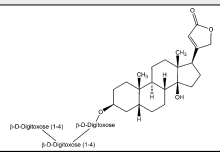
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

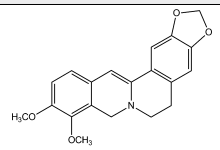
3,5-Dicaffeoylquinic acid		Product # 80426
	CAS #	[2450-53-5]
	Molecular formula / Molecular weight	$C_{25}H_{24}O_{12}$ / 516.46 g/mol
	Synonyms	Isochlorogenic acid A

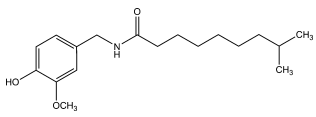
4,5-Dicaffeoylquinic acid		Product # 80427
	CAS #	[14534-61-3]
	Molecular formula / Molecular weight	$C_{25}H_{24}O_{12}$ / 516.46 g/mol
	Synonyms	3,4-Dicaffeoylquinic acid (CAS); Isochlorogenic acid B

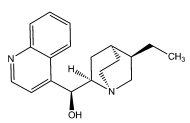
Dictamnine		Product # 80583
	CAS #	[484-29-7]
	Molecular formula / Molecular weight	$C_{12}H_9NO_2$ / 199.21 g/mol
	Synonyms	Dictamine

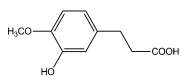
Didymin		Product # 80584
	CAS #	[14259-47-3]
	Molecular formula / Molecular weight	$C_{28}H_{34}O_{14}$ / 594.57 g/mol
	Synonyms	5,7-Dihydroxy 4'-methoxyflavanone 7-O-rutinoside; Isosakuranetin 7-rutinoside; Neoponcirin

Digitoxin		Product # 82516
	CAS #	[71-63-6]
	Molecular formula / Molecular weight	$C_{41}H_{64}O_{13}$ / 764.95 g/mol
	Synonyms	Carditoxin; Digitoxoside; Lanatoxin

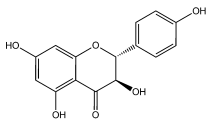
Dihydroberberine		Product # 80429
	CAS #	[483-15-8]
	Molecular formula / Molecular weight	$C_{20}H_{19}NO_4$ / 337.38 g/mol
	Synonyms	Dihydroumbellatine

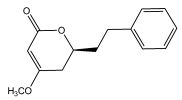
Dihydrocapsaicin		Product # 89647
	CAS #	[19408-84-5]
	Molecular formula / Molecular weight	$C_{18}H_{29}NO_3$ / 307.43 g/mol
	Synonyms	8-Methyl N-vanillylnonamide

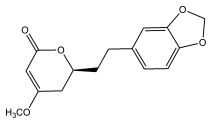
(+)-Dihydrocinchonine		Product # 80966
	CAS #	[485-65-4]
	Molecular formula / Molecular weight	$C_{19}H_{24}N_2O$ / 296.41 g/mol
	Synonyms	Cinchonifine; Cinchotine; Hydrocinchonine; Pseudocinchonine

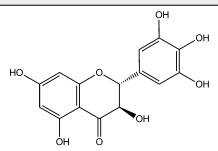
Dihydroisoferulic acid		Product # 80683
	CAS #	[1135-15-5]
	Molecular formula / Molecular weight	$C_{10}H_{12}O_4$ / 196.20 g/mol
	Synonyms	Hydroisoferulic acid; 3-Hydroxy 4-methoxyhydrocinnamic acid

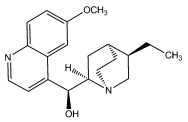
If your substance is missing please check our alphabetical index of synonyms on page 156.

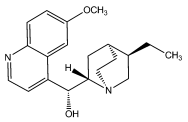
Dihydrokaempferol		Product # 80430
	CAS #	[480-20-6]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_6$ / 288.26 g/mol
	Synonyms	Aromadendrin; Katuranin; 3,4',5,7-Tetrahydroxyflavanone

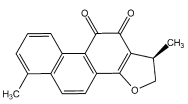
Dihydrokavain		Product # 89185
	CAS #	[587-63-3]
	Molecular formula / Molecular weight	$C_{14}H_{16}O_3$ / 232.28 g/mol
	Synonyms	Marindinin

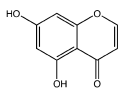
Dihydromethysticin		Product # 89186
	CAS #	[19902-91-1]
	Molecular formula / Molecular weight	$C_{15}H_{16}O_5$ / 276.29 g/mol
	Synonyms	–

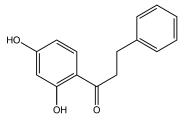
Dihydromyricetin		Product # 80431
	CAS #	[27200-12-0]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_8$ / 320.26 g/mol
	Synonyms	Ampelopsin; Ampeloptin; 3,3',4',5,5',7-Hexahydroxyflavanone

(+)-Dihydroquinidine		Product # 80967
	CAS #	[1435-55-8]
	Molecular formula / Molecular weight	$C_{20}H_{26}N_2O_2$ / 326.44 g/mol
	Synonyms	Hydroconquinine; Hydroquinidine

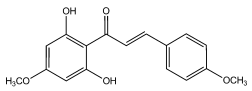
(-)-Dihydroquinine		Product # 80965
	CAS #	[522-66-7]
	Molecular formula / Molecular weight	$C_{20}H_{26}N_2O_2$ / 326.44 g/mol
	Synonyms	Hydroquinine

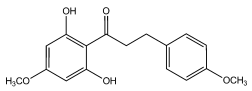
Dihydrotanshinone I		Product # 82519
	CAS #	[87205-99-0]
	Molecular formula / Molecular weight	$C_{18}H_{14}O_3$ / 278.31 g/mol
	Synonyms	–

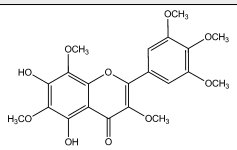
5,7-Dihydroxychromone		Product # 83494
	CAS #	[31721-94-5]
	Molecular formula / Molecular weight	$C_9H_6O_4$ / 178.14 g/mol
	Synonyms	–

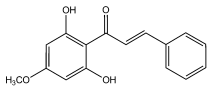
2',4'-Dihydroxydihydrochalcone		Product # 83216
	CAS #	[53596-71-7]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_3$ / 242.28 g/mol
	Synonyms	–

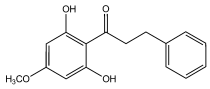
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

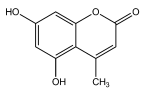
2',6'-Dihydroxy 4',4-dimethoxychalcone		Product # 82520
	CAS #	[94441-99-3]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_5$ / 300.31 g/mol
	Synonyms	–

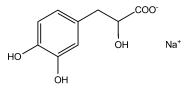
2',6'-Dihydroxy 4',4-dimethoxydihydrochalcone		Product # 82521
	CAS #	[35241-54-4]
	Molecular formula / Molecular weight	$C_{17}H_{18}O_5$ / 302.33 g/mol
	Synonyms	Calomelanen

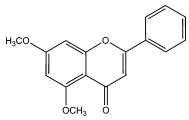
5,7-Dihydroxy 3,3',4',5',6,8-hexamethoxyflavone		Product # 82522
	CAS #	[96887-18-2]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_{10}$ / 434.40 g/mol
	Synonyms	–

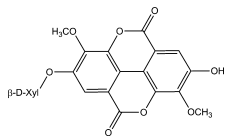
2',6'-Dihydroxy 4'-methoxychalcone		Product # 82523
	CAS #	[18956-15-5]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_4$ / 270.29 g/mol
	Synonyms	Pinostrobin chalcone

2',6'-Dihydroxy 4'-methoxydihydrochalcone		Product # 82524
	CAS #	[35241-55-5]
	Molecular formula / Molecular weight	$C_{16}H_{16}O_4$ / 272.30 g/mol
	Synonyms	–

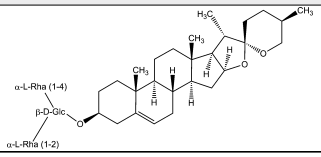
5,7-Dihydroxy 4-methylcoumarin		Product # 80159
	CAS #	[2107-76-8]
	Molecular formula / Molecular weight	$C_{10}H_8O_4$ / 192.17 g/mol
	Synonyms	–

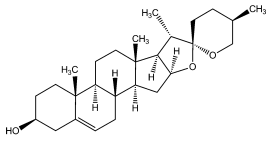
3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt		Product # 80042
	CAS #	[67920-52-9]
	Molecular formula / Molecular weight	$C_9H_9O_5Na$ / 220.16 g/mol
	Synonyms	Dan Shen Su Sodium; Sodium Danshensu

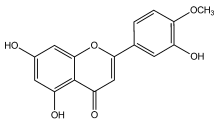
5,7-Dimethoxyflavone		Product # 84211
	CAS #	[21392-57-4]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_4$ / 282.29 g/mol
	Synonyms	Chrysin dimethyl ether

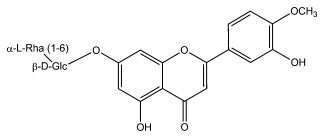
3,3'-Di-O-methylellagic acid 4'-xylopyranoside		Product # 82591
	CAS #	[62218-23-9]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{12}$ / 462.37 g/mol
	Synonyms	–

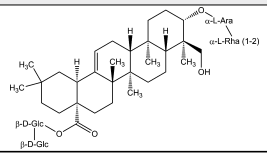
If your substance is missing please check our alphabetical index of synonyms on page 156.

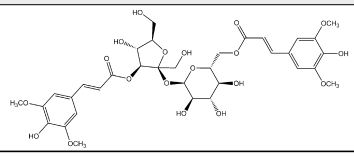
Dioscin		Product # 89648
	CAS #	[19057-60-4]
	Molecular formula / Molecular weight	$C_{45}H_{72}O_{16}$ / 869.06 g/mol
	Synonyms	Collettiside III; Polyphyllin III

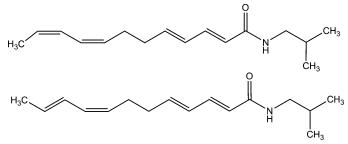
Diosgenin		Product # 89649
	CAS #	[512-04-9]
	Molecular formula / Molecular weight	$C_{27}H_{42}O_3$ / 414.63 g/mol
	Synonyms	Nitogenin

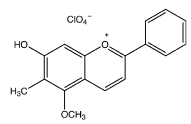
Diosmetin		Product # 82526
	CAS #	[520-34-3]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_6$ / 300.27 g/mol
	Synonyms	Luteolin 4'-methyl ether; 4'-Methylluteolin; 3',5,7-Trihydroxy 4'-methoxyflavone

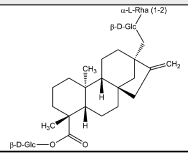
Diosmin		Product # 82527
	CAS #	[520-27-4]
	Molecular formula / Molecular weight	$C_{28}H_{32}O_{15}$ / 608.55 g/mol
	Synonyms	Barosmin; Buchu resin; Diosmetin 7-O-rhamnosylglucoside; Diosmetin 7-rutinoside; 3',5,7-Trihydroxy 4'-methoxyflavone 7-O-rutinoside

Dipsacoside B		Product # 83496
	CAS #	[33289-85-9]
	Molecular formula / Molecular weight	$C_{53}H_{86}O_{22}$ / 1075.26 g/mol
	Synonyms	Glycoside L-G3; Tauroside G3; Tauroside St-G3

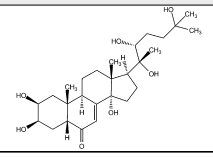
3',6-Disinapoylsucrose		Product # 83846
	CAS #	[139891-98-8]
	Molecular formula / Molecular weight	$C_{34}H_{42}O_{19}$ / 754.69 g/mol
	Synonyms	–

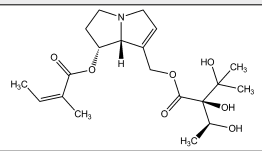
Dodeca 2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide		Product # 89187
	CAS #	[866602-52-0]
	Molecular formula / Molecular weight	$C_{16}H_{25}NO$ / 247.38 g/mol
	Synonyms	–

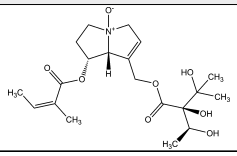
Dracorhodin perchlorate		Product # 83497
	CAS #	[125536-25-6]
	Molecular formula / Molecular weight	$C_{17}H_{15}O_3^+ \times ClO_4^-$ / 366.76 g/mol
	Synonyms	–

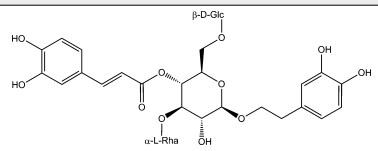
Dulcoside A		Product # 82417
	CAS #	[64432-06-0]
	Molecular formula / Molecular weight	$C_{38}H_{60}O_{17}$ / 788.89 g/mol
	Synonyms	–

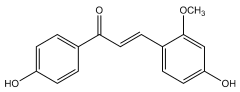
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

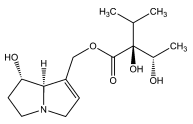
β-Ecdysone		Product # 89651
	CAS #	[5289-74-7]
	Molecular formula / Molecular weight	$C_{27}H_{44}O_7$ / 480.64 g/mol
	Synonyms	Commisterone; Crustecdysone; β-Ecdysterone; 20-Hydroxy α-ecdysone; Isoinokosterone; Polypodine A; Polypodine C; Viticosterone

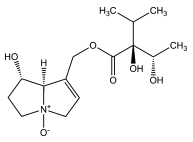
Echimidine		Product # 89553
	CAS #	[520-68-3]
	Molecular formula / Molecular weight	$C_{20}H_{31}NO_7$ / 397.47 g/mol
	Synonyms	–

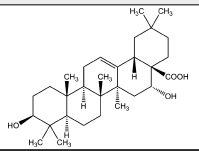
Echimidine N-oxide		Product # 83590
	CAS #	[41093-89-4]
	Molecular formula / Molecular weight	$C_{20}H_{31}NO_8$ / 413.46 g/mol
	Synonyms	–

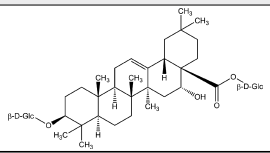
Echinacoside		Product # 89188
	CAS #	[82854-37-3]
	Molecular formula / Molecular weight	$C_{35}H_{46}O_{20}$ / 786.74 g/mol
	Synonyms	–

Echinatin		Product # 83847
	CAS #	[34221-41-5]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_4$ / 270.28 g/mol
	Synonyms	4,4'-Dihydroxy 2-methoxychalcone; Retrochalcone

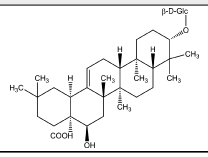
Echinatine (alkaloid)		Product # 84094
	CAS #	[480-83-1]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_5$ / 299.36 g/mol
	Synonyms	–

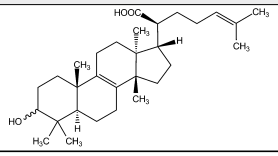
Echinatine N-oxide		Product # 84093
	CAS #	[20267-93-0]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_6$ / 315.36 g/mol
	Synonyms	–

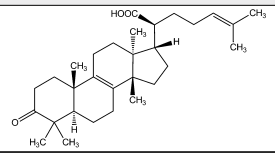
Echinocystic acid		Product # 83848
	CAS #	[510-30-5]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_4$ / 472.70 g/mol
	Synonyms	–

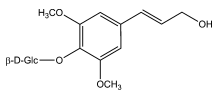
Eclalbasaponin I		Product # 83256
	CAS #	[158511-59-2]
	Molecular formula / Molecular weight	$C_{42}H_{68}O_{14}$ / 797.00 g/mol
	Synonyms	–

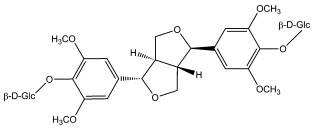
If your substance is missing please check our alphabetical index of synonyms on page 156.

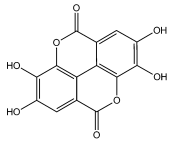
Eclalbasaponin II		**Product # 83255**
	CAS #	[78285-90-2]
	Molecular formula / Molecular weight	$C_{36}H_{58}O_9$ / 634.85 g/mol
	Synonyms	Ecliptasaponin A

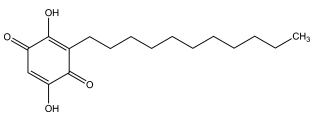
α,β-Elemolic acid		**Product # 80435**
	CAS #	[28282-27-1] α-Elemolic acid [28282-54-4] β-Elemolic acid
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	α,β-Elemadienolic acid; α,β-Elemic acid; 3α,β-Hydroxytirucallic acid

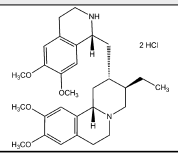
β-Elemonic acid		**Product # 80079**
	CAS #	[28282-25-9]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_3$ / 454.70 g/mol
	Synonyms	Elemadienonic acid; 3-Oxotirucallic acid

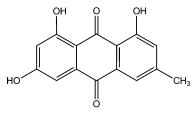
Eleutheroside B		**Product # 89189**
	CAS #	[118-34-3]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_9$ / 372.37 g/mol
	Synonyms	Ilexanthin A; Ligustrin; Lilacin; Magnolenin; Methoxyconiferine; Sinapyl alcohol 4-O-glucoside; Syringin; Syringoside

Eleutheroside E		**Product # 89190**
	CAS #	[39432-56-9]
	Molecular formula / Molecular weight	$C_{34}H_{46}O_{18}$ / 742.73 g/mol
	Synonyms	–

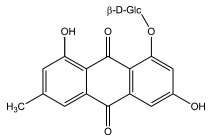
Ellagic acid		**Product # 89653**
	CAS #	[476-66-4]
	Molecular formula / Molecular weight	$C_{14}H_6O_8$ / 302.20 g/mol
	Synonyms	Alizarin Yellow; Benzoaric acid; Elagostasine; Eleagic acid; Gallogen; Lagistase

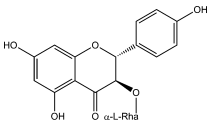
Embelin		**Product # 89654**
	CAS #	[550-24-3]
	Molecular formula / Molecular weight	$C_{17}H_{26}O_4$ / 294.39 g/mol
	Synonyms	Embelic acid; Emberine

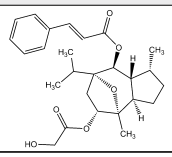
Emetine dihydrochloride		**Product # 89489**
	CAS #	[316-42-7]
	Molecular formula / Molecular weight	$C_{29}H_{40}N_2O_4 \times 2$ HCl / 553.57 g/mol
	Synonyms	–

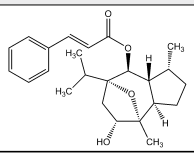
Emodin		**Product # 89191**
	CAS #	[518-82-1]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	Archin; Frangula emodin; Frangulic acid; Rheum emodin; 1,3,8-Trihydroxy 6-methyl 9,10-anthraquinone

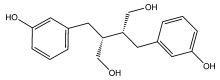
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

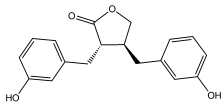
Emodin 8-glucoside		Product # 83849
	CAS #	[23313-21-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Anthraglycoside B; 1,3,8-Trihydroxy 6-methyl 9,10-anthraquinone 8-glucoside

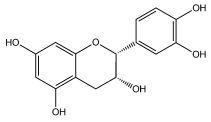
Engeletin		Product # 83279
	CAS #	[572-31-6]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_{10}$ / 434.40 g/mol
	Synonyms	Dihydrokaempferol 3-rhamnoside; Engelitin

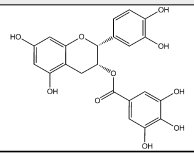
(-)-Englerin A		Product # 82530
	CAS #	[1094250-15-3]
	Molecular formula / Molecular weight	$C_{26}H_{34}O_6$ / 442.55 g/mol
	Synonyms	–

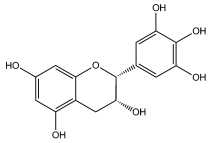
(-)-Englerin B		Product # 83850
	CAS #	[1094250-13-1]
	Molecular formula / Molecular weight	$C_{24}H_{32}O_4$ / 384.51 g/mol
	Synonyms	Desglycoloylenglerin A

Enterodiol		Product # 80436
	CAS #	[77756-22-0]
	Molecular formula / Molecular weight	$C_{18}H_{22}O_4$ / 302.37 g/mol
	Synonyms	–

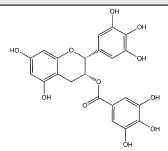
Enterolactone		Product # 80437
	CAS #	[78473-71-9]
	Molecular formula / Molecular weight	$C_{18}H_{18}O_4$ / 298.34 g/mol
	Synonyms	HPMF

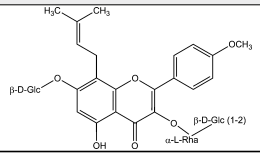
(-)-Epicatechin		Product # 89192
	CAS #	[490-46-0]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_6$ / 290.27 g/mol
	Synonyms	l-Acacatechin; EC; Epicatechol

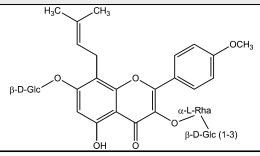
(-)-Epicatechin 3-gallate		Product # 89193
	CAS #	[1257-08-5]
	Molecular formula / Molecular weight	$C_{22}H_{18}O_{10}$ / 442.38 g/mol
	Synonyms	ECG; 3-O-Galloylepicatechin

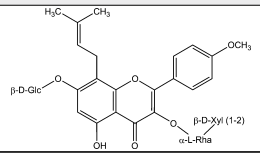
(-)-Epigallocatechin		Product # 89655
	CAS #	[970-74-1]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_7$ / 306.27 g/mol
	Synonyms	EGC

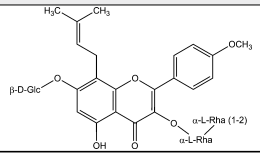
If your substance is missing please check our alphabetical index of synonyms on page 156.

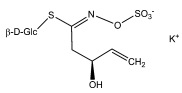
(-)-Epigallocatechin 3-gallate		Product # 89656
	CAS #	[989-51-5]
	Molecular formula / Molecular weight	$C_{22}H_{18}O_{11}$ / 458.38 g/mol
	Synonyms	EGCG

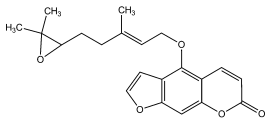
Epimedin A		Product # 80586
	CAS #	[110623-72-8]
	Molecular formula / Molecular weight	$C_{39}H_{50}O_{20}$ / 838.82 g/mol
	Synonyms	–

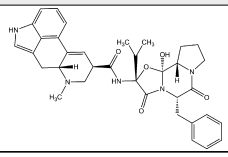
Epimedin A1		Product # 83498
	CAS #	[140147-77-9]
	Molecular formula / Molecular weight	$C_{39}H_{50}O_{20}$ / 838.82 g/mol
	Synonyms	Hexandraside F

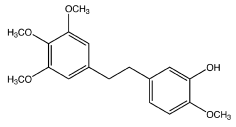
Epimedin B		Product # 80587
	CAS #	[110623-73-9]
	Molecular formula / Molecular weight	$C_{38}H_{48}O_{19}$ / 808.79 g/mol
	Synonyms	–

Epimedin C		Product # 80588
	CAS #	[110642-44-9]
	Molecular formula / Molecular weight	$C_{39}H_{50}O_{19}$ / 822.82 g/mol
	Synonyms	Baohuoside VI

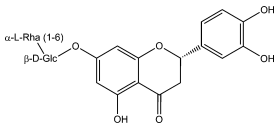
Epiprogoitrin potassium salt		Product # 89657
	CAS #	[21087-74-1]
	Molecular formula / Molecular weight	$C_{11}H_{18}NO_{10}S_2K$ / 427.49 g/mol
	Synonyms	2(S)-Hydroxy 3-butenylglucosinolate potassium salt

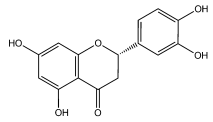
Epoxybergamottin		Product # 80438
	CAS #	[206978-14-5]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_5$ / 354.40 g/mol
	Synonyms	Bergamottin 6',7'-epoxide

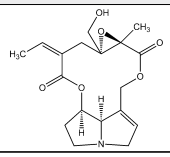
Ergocristine		Product # 80440
	CAS #	[511-08-0]
	Molecular formula / Molecular weight	$C_{35}H_{39}N_5O_5$ / 609.73 g/mol
	Synonyms	–

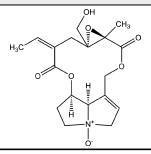
Erianin		Product # 83499
	CAS #	[95041-90-0]
	Molecular formula / Molecular weight	$C_{18}H_{22}O_5$ / 318.37 g/mol
	Synonyms	–

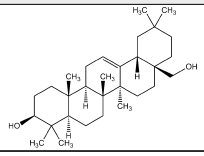
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

Eriocitrin		Product # 89194
	CAS #	[13463-28-0]
	Molecular formula / Molecular weight	$C_{27}H_{32}O_{15}$ / 596.54 g/mol
	Synonyms	Eriodictioside; Eriodictyol 7-O-rutinoside; 3',4',5,7-Tetrahydroxyflavanone 7-rutinoside

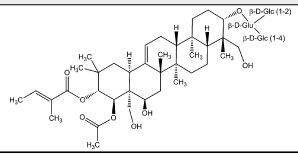
Eriodictyol		Product # 80444
	CAS #	[552-58-9]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_6$ / 288.26 g/mol
	Synonyms	Huazhongilexone; 3',4',5,7-Tetrahydroxyflavanone

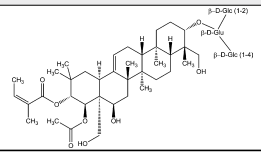
Erucifoline		Product # 83432
	CAS #	[40158-95-0]
	Molecular formula / Molecular weight	$C_{18}H_{23}NO_6$ / 349.38 g/mol
	Synonyms	Alkaloid S-C; Erucifoline A

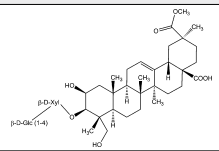
Erucifoline N-oxide		Product # 83433
	CAS #	[123864-94-8]
	Molecular formula / Molecular weight	$C_{18}H_{23}NO_7$ / 365.38 g/mol
	Synonyms	Erucifoline A N-oxide

Erythrodiol		Product # 83773
	CAS #	[545-48-2]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_2$ / 442.72 g/mol
	Synonyms	–

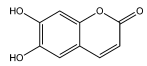
Escin		Product # 89871
Escin is a mixture of structurally related saponins	CAS #	[6805-41-0]
	Molecular formula / Molecular weight	– / –
	Synonyms	–

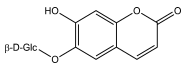
Escin IA		Product # 80445
	CAS #	[123748-68-5]
	Molecular formula / Molecular weight	$C_{55}H_{86}O_{24}$ / 1131.26 g/mol
	Synonyms	Aescin A

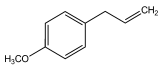
Escin IB		Product # 80446
	CAS #	[26339-90-2]
	Molecular formula / Molecular weight	$C_{55}H_{86}O_{24}$ / 1131.26 g/mol
	Synonyms	Aescin B

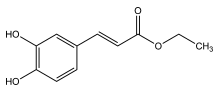
Esculentoside A		Product # 80589
	CAS #	[65497-07-6]
	Molecular formula / Molecular weight	$C_{42}H_{66}O_{16}$ / 826.98 g/mol
	Synonyms	Phytolaccasaponin E; Phytolaccoside E

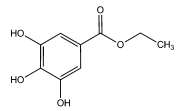
If your substance is missing please check our alphabetical index of synonyms on page 156.

Esculetin		Product # 80449
	CAS #	[305-01-1]
	Molecular formula / Molecular weight	$C_9H_6O_4$ / 178.14 g/mol
	Synonyms	Aesculetin; Cichorigenin; Cichoriin aglycone; 6,7-Dihydroxycoumarin; Esculetol; Esculin aglycone

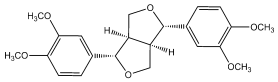
Esculin		Product # 89659
	CAS #	[531-75-9]
	Molecular formula / Molecular weight	$C_{15}H_{16}O_9$ / 340.29 g/mol
	Synonyms	Aesculin; Bicolorin; Crataegin; 6,7-Dihydroxycoumarin 6-glucoside; Enallachrome; Escosyl; Esculetin 6-O-glucoside; Esculoside

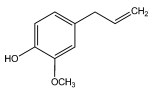
Estragole		Product # 82205
	CAS #	[140-67-0]
	Molecular formula / Molecular weight	$C_{10}H_{12}O$ / 148.21 g/mol
	Synonyms	p-Allylanisole; p-Allylphenyl methyl ether; Chavicol methyl ether; Isoanethole; p-Methoxyallylbenzene; Methyl chavicol

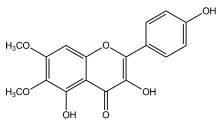
Ethyl trans-caffeate		Product # 83086
	CAS #	[66648-50-8]
	Molecular formula / Molecular weight	$C_{11}H_{12}O_4$ / 208.21 g/mol
	Synonyms	trans-Caffeic acid ethyl ester; trans-3,4-Dihydroxycinnamic acid ethyl ester

Ethyl gallate		Product # 83080
	CAS #	[831-61-8]
	Molecular formula / Molecular weight	$C_9H_{10}O_5$ / 198.18 g/mol
	Synonyms	Ethyl 3,4,5-trihydroxybenzoate; Gallic acid ethyl ester; 3,4,5-Trihydroxybenzoic acid ethyl ester

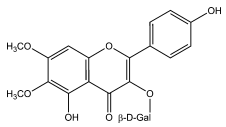
Eucalyptol		Product # 89195
	CAS #	[470-82-6]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	Cajeputol; 1,8-Cineole

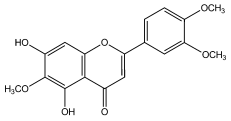
(+)-Eudesmin		Product # 83851
	CAS #	[29106-36-3]
	Molecular formula / Molecular weight	$C_{22}H_{26}O_6$ / 386.44 g/mol
	Synonyms	O,O-Dimethylpinoresinol; (+)-Pinoresinol dimethyl ether

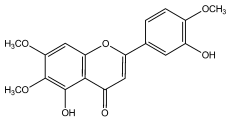
Eugenol		Product # 80715
	CAS #	[97-53-0]
	Molecular formula / Molecular weight	$C_{10}H_{12}O_2$ / 164.20 g/mol
	Synonyms	4-Allylguaiacol; 1-Allyl 4-hydroxy 3-methoxybenzene; 4-Allyl 2-methoxyphenol; Caryophyllic acid; Eugenic acid; 2-Hydroxy 5-allylanisole; 2-Methoxy 4-allylphenol

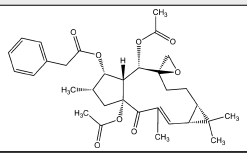
Eupalitin		Product # 82534
	CAS #	[29536-41-2]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_7$ / 330.29 g/mol
	Synonyms	Betuletol; 3,4',5-Trihydroxy 6,7-dimethoxyflavone

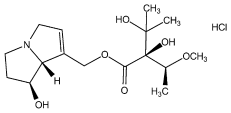
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

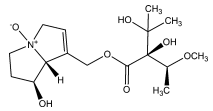
Eupalitin 3-galactoside		Product # 80450
	CAS #	[35399-32-7]
	Molecular formula / Molecular weight	$C_{23}H_{24}O_{12}$ / 492.44 g/mol
	Synonyms	Betuletrin; 3,4',5-Trihydroxy 6,7-dimethoxyflavone 3-galactoside

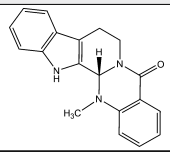
Eupatilin		Product # 80337
	CAS #	[22368-21-4]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	5,7-Dihydroxy 3',4',6-trimethoxyflavone

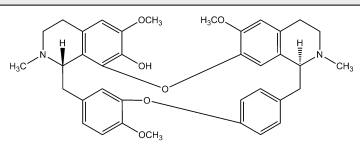
Eupatorin		Product # 80451
	CAS #	[855-96-9]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	3',5-Dihydroxy 4',6,7-trimethoxyflavone; 6-Methoxyluteolin 4',7-dimethyl ether

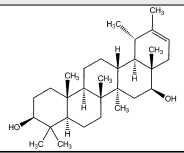
Euphorbiasteroid		Product # 89661
	CAS #	[28649-59-4]
	Molecular formula / Molecular weight	$C_{32}H_{40}O_8$ / 552.67 g/mol
	Synonyms	–

Europine hydrochloride		Product # 83237
	CAS #	[570-19-4] free base, HCl salt not listed in CAS
	Molecular formula / Molecular weight	$C_{16}H_{27}NO_6 \times HCl$ / 365.86 g/mol
	Synonyms	–

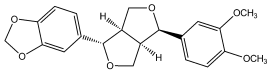
Europine N-oxide		Product # 83238
	CAS #	[65582-53-8]
	Molecular formula / Molecular weight	$C_{16}H_{27}NO_7$ / 345.39 g/mol
	Synonyms	–

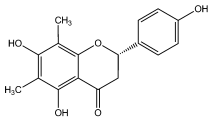
Evodiamine		Product # 89662
	CAS #	[518-17-2]
	Molecular formula / Molecular weight	$C_{19}H_{17}N_3O$ / 303.36 g/mol
	Synonyms	–

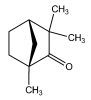
Fangchinoline		Product # 80452
	CAS #	[436-77-1]
	Molecular formula / Molecular weight	$C_{37}H_{40}N_2O_6$ / 608.72 g/mol
	Synonyms	7-O-Demethyltetrandine; Frangchinoline; Limacine

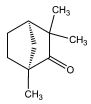
Faradiol		Product # 82536
	CAS #	[20554-95-4]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_2$ / 442.73 g/mol
	Synonyms	16β-Hydroxypseudotaraxasterol

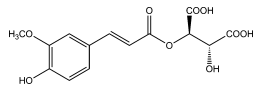
If your substance is missing please check our alphabetical index of synonyms on page 156.

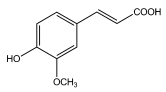
Fargesin		Product # 82537
	CAS #	[31008-19-2]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_6$ / 370.40 g/mol
	Synonyms	–

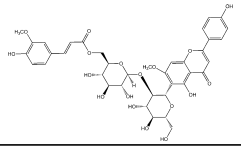
Farrerol		Product # 82539
	CAS #	[24211-30-1]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_5$ / 300.31 g/mol
	Synonyms	4',5,7-Trihydroxy 6,8-dimethylflavanone

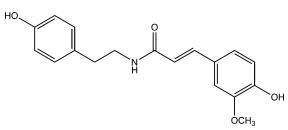
(-)-Fenchone		Product # 82541
	CAS #	[7787-20-4]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	–

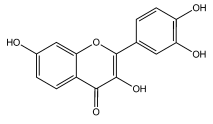
(+)-Fenchone		Product # 80660
	CAS #	[4695-62-9]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	–

trans-Fertaric acid		Product # 83852
	CAS #	[74282-22-7]
	Molecular formula / Molecular weight	$C_{14}H_{14}O_9$ / 326.26 g/mol
	Synonyms	trans-Feruloyl tartaric acid

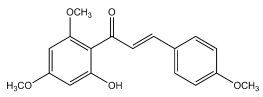
trans-Ferulic acid		Product # 89663
	CAS #	[537-98-4]
	Molecular formula / Molecular weight	$C_{10}H_{10}O_4$ / 194.19 g/mol
	Synonyms	Coniferic acid; 4-Hydroxy 3-methoxy trans-cinnamic acid

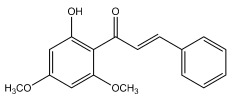
6'''-Feruloylspinosin		Product # 83853
	CAS #	[319480-84-7]
	Molecular formula / Molecular weight	$C_{38}H_{40}O_{18}$ / 784.71 g/mol
	Synonyms	Spinosin B

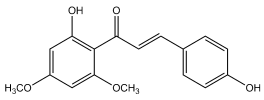
N-trans-Feruloyltyramine		Product # 84212
	CAS #	[66648-43-9]
	Molecular formula / Molecular weight	$C_{18}H_{19}NO_4$ / 313.35 g/mol
	Synonyms	Alfrutamide; Moupinamide

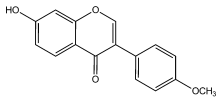
Fisetin		Product # 82542
	CAS #	[528-48-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_6$ / 286.24 g/mol
	Synonyms	Cotinin; 5-Desoxyquercetin; Fiestin; Fietin; 3,3',4',7-Tetrahydroxyflavone

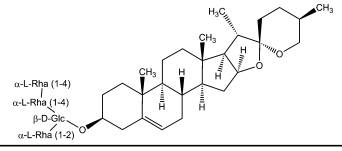
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

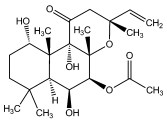
Flavokawain A		Product # 83762
	CAS #	[37951-13-6]
	Molecular formula / Molecular weight	$C_{18}H_{18}O_5$ / 314.33 g/mol
	Synonyms	Flavokavin A; 2'-Hydroxy 4,4',6'-trimethoxychalcone; 4-Methoxyflavokawain B

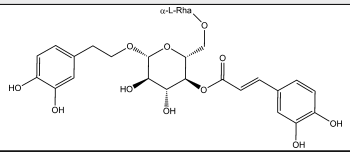
Flavokawain B		Product # 83763
	CAS #	[1775-97-9]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_4$ / 284.31 g/mol
	Synonyms	Flavokavain B; Flavokavin B; 2'-Hydroxy 4',6'-dimethoxychalcone; Persicochalcone

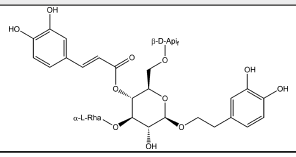
Flavokawain C		Product # 83854
	CAS #	[37308-75-1]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_5$ / 300.31 g/mol
	Synonyms	2',4-Dihydroxy 4',6'-dimethoxy trans-chalcone; Flavokavain C; Flavokavin C; 4-Hydroxyflavokawain B

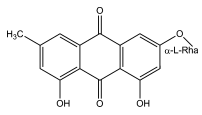
Formononetin		Product # 89528
	CAS #	[485-72-3]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_4$ / 268.27 g/mol
	Synonyms	Biochanin B; Daidzein 4'-methyl ether; Formonetin; Formononetol; 7-Hydroxy 4'-methoxyisoflavone

Formosanin C		Product # 80561
	CAS #	[50773-42-7]
	Molecular formula / Molecular weight	$C_{51}H_{82}O_{20}$ / 1015.20 g/mol
	Synonyms	Asperin; Parissaponin; Parissaponin Pb; Saponin Pb; Saponin P-d

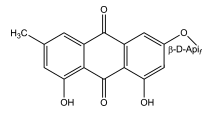
Forskolin		Product # 89664
	CAS #	[66575-29-9]
	Molecular formula / Molecular weight	$C_{22}H_{34}O_7$ / 410.51 g/mol
	Synonyms	Coleonol; Colforsin

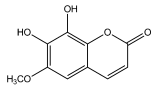
Forsythoside A		Product # 80310
	CAS #	[79916-77-1]
	Molecular formula / Molecular weight	$C_{29}H_{36}O_{15}$ / 624.60 g/mol
	Synonyms	Forsythiaside

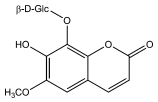
Forsythoside B		Product # 83313
	CAS #	[81525-13-5]
	Molecular formula / Molecular weight	$C_{34}H_{44}O_{19}$ / 756.71 g/mol
	Synonyms	–

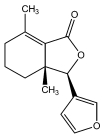
Frangulin A		Product # 89665
	CAS #	[521-62-0]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_9$ / 416.39 g/mol
	Synonyms	Emodin L-rhamnoside; Franguloside; Rhamnoxanthin

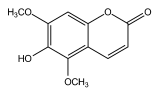
If your substance is missing please check our alphabetical index of synonyms on page 156.

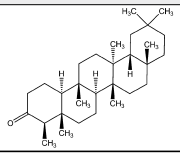
Frangulin B		Product # 89196
	CAS #	[14101-04-3]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_9$ / 402.36 g/mol
	Synonyms	–

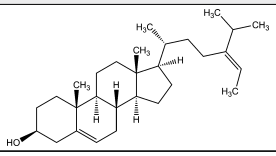
Fraxetin		Product # 89549
	CAS #	[574-84-5]
	Molecular formula / Molecular weight	$C_{10}H_8O_5$ / 208.17 g/mol
	Synonyms	7,8-Dihydroxy 6-methoxycoumarin; Fratexin; Fraxetol

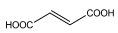
Fraxin		Product # 89545
	CAS #	[524-30-1]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_{10}$ / 370.31 g/mol
	Synonyms	7,8-Dihydroxy 6-methoxycoumarin 8-β-D-glucopyranoside; Fraxetin 8-β-D-glucopyranoside; Fraxetol 8-glucoside; Fraxoside

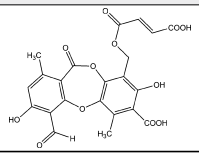
Fraxinellone		Product # 80453
	CAS #	[28808-62-0]
	Molecular formula / Molecular weight	$C_{14}H_{16}O_3$ / 232.28 g/mol
	Synonyms	–

Fraxinol		Product # 83334
	CAS #	[486-28-2]
	Molecular formula / Molecular weight	$C_{11}H_{10}O_5$ / 222.20 g/mol
	Synonyms	6-Hydroxy 5,7-dimethoxycoumarin

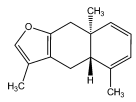
Friedelin		Product # 82543
	CAS #	[559-74-0]
	Molecular formula / Molecular weight	$C_{30}H_{50}O$ / 426.73 g/mol
	Synonyms	Friedelanone

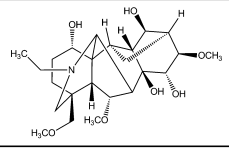
Fucosterol		Product # 84213
	CAS #	[17605-67-3]
	Molecular formula / Molecular weight	$C_{29}H_{48}O$ / 412.69 g/mol
	Synonyms	trans-24-Ethylidencholesterol; Stigmasta 5,24(28)-diene 3β-ol

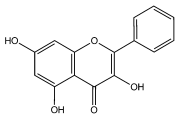
Fumaric acid		Product # 80141
	CAS #	[110-17-8]
	Molecular formula / Molecular weight	$C_4H_4O_4$ / 116.07 g/mol
	Synonyms	Allomaleic acid; trans-2-Butenedioic acid; Lichenic acid

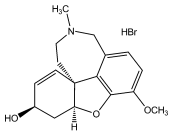
Fumarprotocetraric acid		Product # 82266
	CAS #	[489-50-9]
	Molecular formula / Molecular weight	$C_{22}H_{16}O_{12}$ / 472.36 g/mol
	Synonyms	–

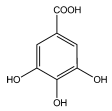
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

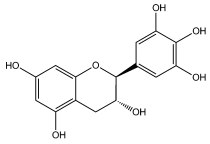
Furanoeudesma 1,3-diene		Product # 89197
	CAS #	[87605-93-4]
	Molecular formula / Molecular weight	$C_{15}H_{18}O$ / 214.31 g/mol
	Synonyms	–

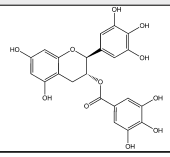
Fuziline		Product # 82544
	CAS #	[80665-72-1]
	Molecular formula / Molecular weight	$C_{24}H_{39}NO_7$ / 453.58 g/mol
	Synonyms	15α-Hydroxyneoline; Senbusine C

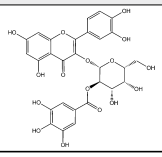
Galangin		Product # 89505
	CAS #	[548-83-4]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	Norizalpinin; 3,5,7-Trihydroxyflavone

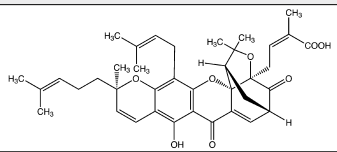
Galanthamine hydrobromide		Product # 89666
	CAS #	[1953-04-4]
	Molecular formula / Molecular weight	$C_{17}H_{21}NO_3 \times HBr$ / 368.27 g/mol
	Synonyms	Lycoremine hydrobromide

Gallic acid		Product # 89198
	CAS #	[149-91-7]
	Molecular formula / Molecular weight	$C_7H_6O_5$ / 170.12 g/mol
	Synonyms	3,4,5-Trihydroxybenzoic acid

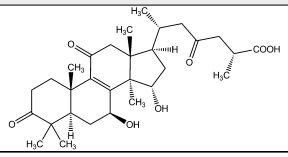
(-)-Gallocatechin		Product # 80096
	CAS #	[3371-27-5]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_7$ / 306.27 g/mol
	Synonyms	GC

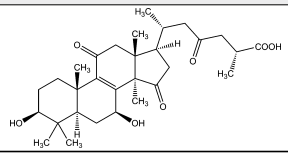
(-)-Gallocatechin 3-gallate		Product # 89667
	CAS #	[4233-96-9]
	Molecular formula / Molecular weight	$C_{22}H_{18}O_{11}$ / 458.38 g/mol
	Synonyms	GCG

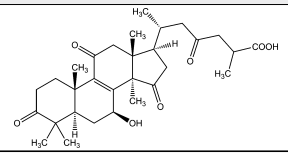
2"-Galloylhyperin		Product # 82545
	CAS #	[53209-27-1]
	Molecular formula / Molecular weight	$C_{28}H_{24}O_{16}$ / 616.49 g/mol
	Synonyms	Hyperoside 2"-gallate; 3,3',4',5,7-Pentahydroxyflavone 3-β-galactoside 2"-gallate; Quercetin 3-β-galactoside 2"-gallate

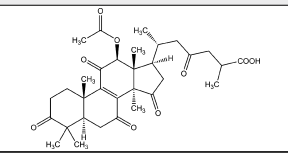
Gambogic acid		Product # 80455
	CAS #	[2752-65-0]
	Molecular formula / Molecular weight	$C_{38}H_{44}O_8$ / 628.76 g/mol
	Synonyms	β-Guttiferin

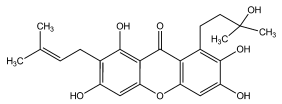
If your substance is missing please check our alphabetical index of synonyms on page 156.

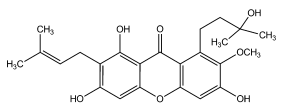
Ganoderic acid A		Product # 89668
	CAS #	[81907-62-2]
	Molecular formula / Molecular weight	$C_{30}H_{44}O_7$ / 516.68 g/mol
	Synonyms	–

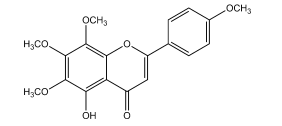
Ganoderic acid B		Product # 89669
	CAS #	[81907-61-1]
	Molecular formula / Molecular weight	$C_{30}H_{44}O_7$ / 516.67 g/mol
	Synonyms	–

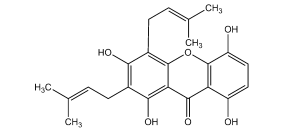
Ganoderic acid D		Product # 84214
	CAS #	[108340-60-9]
	Molecular formula / Molecular weight	$C_{30}H_{42}O_7$ / 514.65 g/mol
	Synonyms	–

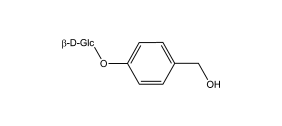
Ganoderic acid F		Product # 89672
	CAS #	[98665-15-7]
	Molecular formula / Molecular weight	$C_{32}H_{42}O_9$ / 570.67 g/mol
	Synonyms	–

Garcinone C		Product # 82546
	CAS #	[76996-27-5]
	Molecular formula / Molecular weight	$C_{23}H_{26}O_7$ / 414.46 g/mol
	Synonyms	–

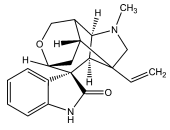
Garcinone D		Product # 82547
	CAS #	[107390-08-9]
	Molecular formula / Molecular weight	$C_{24}H_{28}O_7$ / 428.48 g/mol
	Synonyms	–

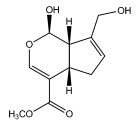
Gardenin B		Product # 82548
	CAS #	[2798-20-1]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_7$ / 358.34 g/mol
	Synonyms	5-Demethyltangeretin; 5-Hydroxy 4',6,7,8-tetramethoxyflavone

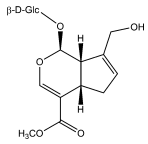
Gartanin		Product # 80456
	CAS #	[33390-42-0]
	Molecular formula / Molecular weight	$C_{23}H_{24}O_6$ / 396.43 g/mol
	Synonyms	–

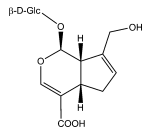
Gastrodin		Product # 89324
	CAS #	[62499-27-8]
	Molecular formula / Molecular weight	$C_{13}H_{18}O_7$ / 286.28 g/mol
	Synonyms	4-Hydroxybenzyl alcohol 4-O-β-D-glucoside

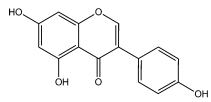
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

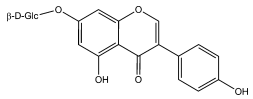
Gelsemine		Product # 80457
	CAS #	[509-15-9]
	Molecular formula / Molecular weight	$C_{20}H_{22}N_2O_2$ / 322.41 g/mol
	Synonyms	–

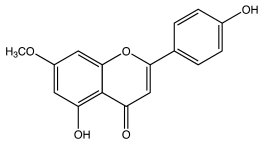
Genipin		Product # 80458
	CAS #	[6902-77-8]
	Molecular formula / Molecular weight	$C_{11}H_{14}O_5$ / 226.23 g/mol
	Synonyms	–

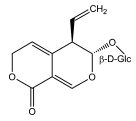
Geniposide		Product # 89675
	CAS #	[24512-63-8]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{10}$ / 388.37 g/mol
	Synonyms	–

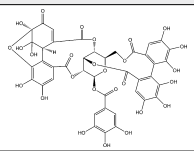
Geniposidic acid		Product # 80459
	CAS #	[27741-01-1]
	Molecular formula / Molecular weight	$C_{16}H_{22}O_{10}$ / 374.35 g/mol
	Synonyms	–

Genistein		Product # 89199
	CAS #	[446-72-0]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	Baichanin A; Bonistein; Genisterin; Prunetol; Sophoricol; 4',5,7-Trihydroxyisoflavone

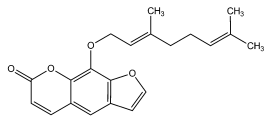
Genistin		Product # 89200
	CAS #	[529-59-9]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Genistein 7-glucoside; Genistoside; 4',5,7-Trihydroxyisoflavone 7-glucoside

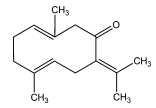
Genkwanin		Product # 83500
	CAS #	[437-64-9]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	Apigenin 7-methyl ether; 4',5-Dihydroxy 7-methoxyflavone; 7-Methylapigenin; Puddumetin

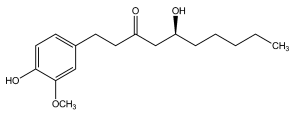
Gentiopicroside		Product # 89512
	CAS #	[20831-76-9]
	Molecular formula / Molecular weight	$C_{16}H_{20}O_9$ / 356.33 g/mol
	Synonyms	Gentiopicrin

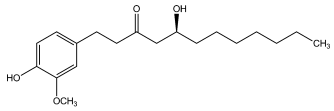
Geraniin		Product # 80994
	CAS #	[60976-49-0]
	Molecular formula / Molecular weight	$C_{41}H_{28}O_{27}$ / 952.66 g/mol
	Synonyms	–

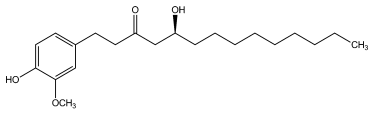
If your substance is missing please check our alphabetical index of synonyms on page 156.

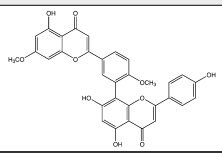
8-Geranyloxypsoralen		Product # 80460
	CAS #	[7437-55-0]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_4$ / 338.40 g/mol
	Synonyms	–

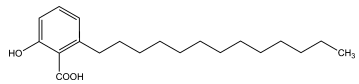
Germacrone		Product # 89677
	CAS #	[6902-91-6]
	Molecular formula / Molecular weight	$C_{15}H_{22}O$ / 218.34 g/mol
	Synonyms	–

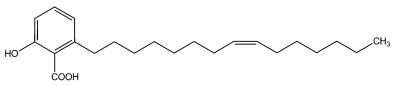
6-Gingerol		Product # 89201
	CAS #	[23513-14-6]
	Molecular formula / Molecular weight	$C_{17}H_{26}O_4$ / 294.39 g/mol
	Synonyms	–

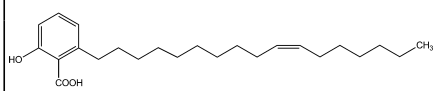
8-Gingerol		Product # 89202
	CAS #	[23513-08-8]
	Molecular formula / Molecular weight	$C_{19}H_{30}O_4$ / 322.45 g/mol
	Synonyms	–

10-Gingerol		Product # 89203
	CAS #	[23513-15-7]
	Molecular formula / Molecular weight	$C_{21}H_{34}O_4$ / 350.50 g/mol
	Synonyms	–

Ginkgetin		Product # 83501
	CAS #	[481-46-9]
	Molecular formula / Molecular weight	$C_{32}H_{22}O_{10}$ / 566.52 g/mol
	Synonyms	Amentoflavone 4''',7''-dimethyl ether; 4''',7''-Dimethylamentoflavone; Ginkgotin

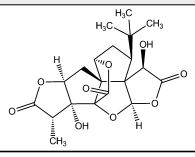
Ginkgolic acid C13:0		Product # 89678
	CAS #	[20261-38-5]
	Molecular formula / Molecular weight	$C_{20}H_{32}O_3$ / 320.47 g/mol
	Synonyms	Ginkgoneolic acid; 6-Tridecylsalicylic acid

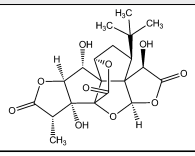
Ginkgolic acid C15:1		Product # 89522
	CAS #	[22910-60-7]
	Molecular formula / Molecular weight	$C_{22}H_{34}O_3$ / 346.51 g/mol
	Synonyms	22:1-ω7-Anacardic acid; Anacardic acid monoene; Ginkgolic acid I; 6-(8Z)-Pentadecenylsalicylic acid; Romanicardic acid

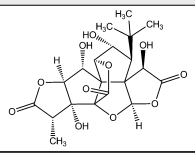
Ginkgolic acid C17:1		Product # 89207
	CAS #	[111047-30-4]
	Molecular formula / Molecular weight	$C_{24}H_{38}O_3$ / 374.57 g/mol
	Synonyms	Ginkgolic acid II; 6-(10Z)-Heptadecenylsalicylic acid

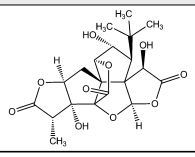
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

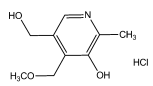
Ginkgolic acids RN		Product # 89480
Ginkgolic acids RN is a mixture of Ginkgolic acid C13:0, C15:1 and C17:1	CAS #	–
	Molecular formula / Molecular weight	– / –
	Synonyms	–

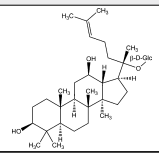
Ginkgolide A		Product # 89204
	CAS #	[15291-75-5]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_9$ / 408.41 g/mol
	Synonyms	–

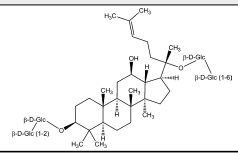
Ginkgolide B		Product # 89205
	CAS #	[15291-77-7]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_{10}$ / 424.41 g/mol
	Synonyms	1-Hydroxyginkgolide A

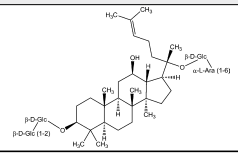
Ginkgolide C		Product # 89206
	CAS #	[15291-76-6]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_{11}$ / 440.40 g/mol
	Synonyms	1,7-Dihydroxyginkgolide A

Ginkgolide J		Product # 89329
	CAS #	[107438-79-9]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_{10}$ / 424.41 g/mol
	Synonyms	7-Hydroxyginkgolide A

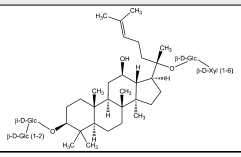
Ginkgotoxin hydrochloride		Product # 82638
	CAS #	[3131-27-9]
	Molecular formula / Molecular weight	$C_9H_{13}NO_3 \times HCl$ / 219.67 g/mol
	Synonyms	4-Methoxypyridoxine hydrochloride

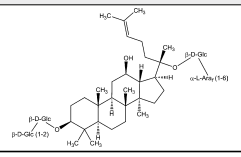
Ginsenoside C-K		Product # 80461
	CAS #	[39262-14-1]
	Molecular formula / Molecular weight	$C_{36}H_{62}O_8$ / 622.89 g/mol
	Synonyms	Ginsenoside K; Protopanaxadiol 20-O-glucoside

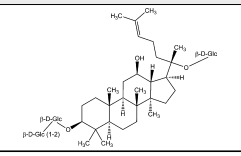
Ginsenoside Rb1		Product # 89208
	CAS #	[41753-43-9]
	Molecular formula / Molecular weight	$C_{54}H_{92}O_{23}$ / 1109.31 g/mol
	Synonyms	Arasaponin E1; Gynosaponin C; Gypenoside III; Notoginsenoside Rb1; Panaxoside Rb1; Sanchinoside E1; Sanchinoside Rb1

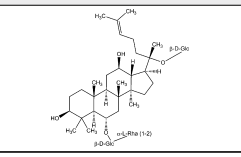
Ginsenoside Rb2		Product # 89209
	CAS #	[11021-13-9]
	Molecular formula / Molecular weight	$C_{53}H_{90}O_{22}$ / 1079.29 g/mol
	Synonyms	Ginsenoside C

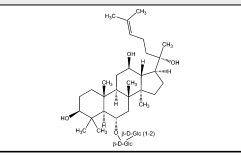
If your substance is missing please check our alphabetical index of synonyms on page 156.

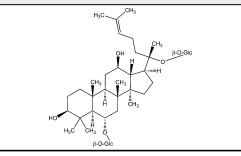
Ginsenoside Rb3		Product # 89679
	CAS #	[68406-26-8]
	Molecular formula / Molecular weight	$C_{53}H_{90}O_{22}$ / 1079.29 g/mol
	Synonyms	Gypenoside IV

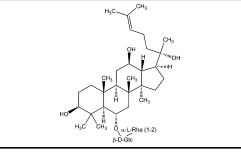
Ginsenoside Rc		Product # 89210
	CAS #	[11021-14-0]
	Molecular formula / Molecular weight	$C_{53}H_{90}O_{22}$ / 1079.29 g/mol
	Synonyms	Panaxoside Rc

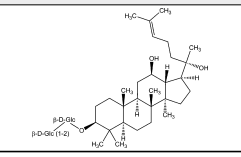
Ginsenoside Rd		Product # 89211
	CAS #	[52705-93-8]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{18}$ / 947.17 g/mol
	Synonyms	Gypenoside VIII

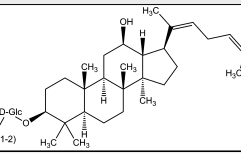
Ginsenoside Re		Product # 89212
	CAS #	[52286-59-6]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{18}$ / 947.17 g/mol
	Synonyms	Chikusetsusaponin IVc; Ginsenoside B2; Panaxoside Re; Sanchinoside Re

Ginsenoside Rf		Product # 89213
	CAS #	[52286-58-5]
	Molecular formula / Molecular weight	$C_{42}H_{72}O_{14}$ / 801.03 g/mol
	Synonyms	Panaxoside Rf

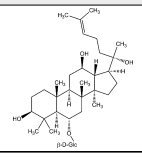
Ginsenoside Rg1		Product # 89214
	CAS #	[22427-39-0]
	Molecular formula / Molecular weight	$C_{42}H_{72}O_{14}$ / 801.03 g/mol
	Synonyms	Ginsenoside A2; Ginsenoside g1; Panaxoside A; Panaxoside Rg1; Sanchinoside C1; Sanchinoside Rg1

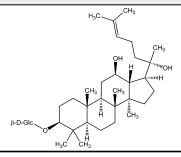
Ginsenoside Rg2		Product # 89680
	CAS #	[52286-74-5]
	Molecular formula / Molecular weight	$C_{42}H_{72}O_{13}$ / 785.03 g/mol
	Synonyms	Chikusetsusaponin I; Panaxoside Rg2; Prosapogenin C2

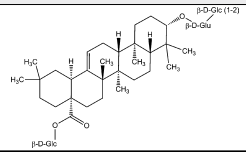
Ginsenoside Rg3		Product # 89681
	CAS #	[14197-60-5]
	Molecular formula / Molecular weight	$C_{42}H_{72}O_{13}$ / 785.03 g/mol
	Synonyms	–

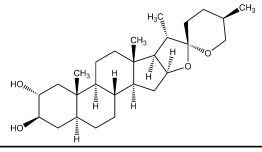
Ginsenoside Rg5		Product # 84215
	CAS #	[186763-78-0]
	Molecular formula / Molecular weight	$C_{42}H_{70}O_{12}$ / 767.00 g/mol
	Synonyms	–

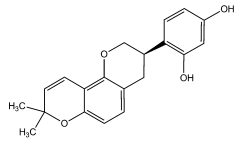
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

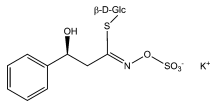
Ginsenoside Rh1		Product # 89682
	CAS #	[63223-86-9]
	Molecular formula / Molecular weight	$C_{36}H_{62}O_9$ / 638.89 g/mol
	Synonyms	Prosapogenin A2; Sanchinoside B2; Sanchinoside Rh1

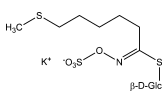
Ginsenoside Rh2		Product # 89683
	CAS #	[78214-33-2]
	Molecular formula / Molecular weight	$C_{36}H_{62}O_8$ / 622.89 g/mol
	Synonyms	–

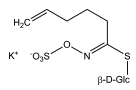
Ginsenoside Ro		Product # 80462
	CAS #	[34367-04-9]
	Molecular formula / Molecular weight	$C_{48}H_{76}O_{19}$ / 957.12 g/mol
	Synonyms	Chikusetsusaponin V; Polysciasaponin P3

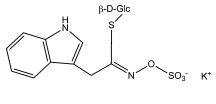
Gitogenin		Product # 83855
	CAS #	[511-96-6]
	Molecular formula / Molecular weight	$C_{27}H_{44}O_4$ / 432.64 g/mol
	Synonyms	Digin; 2α-Hydroxytigogenin

Glabridin		Product # 80463
	CAS #	[59870-68-7]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_4$ / 324.38 g/mol
	Synonyms	–

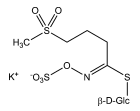
Glucobarbarin potassium salt		Product # 89684
	CAS #	[21087-78-5]
	Molecular formula / Molecular weight	$C_{15}H_{20}NO_{10}S_2K$ / 477.55 g/mol
	Synonyms	2(S)-Hydroxy 2-phenylethylglucosinolate potassium salt

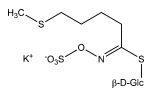
Glucoberteroin potassium salt		Product # 83241
	CAS #	[245550-65-6]
	Molecular formula / Molecular weight	$C_{13}H_{24}NO_9S_3K$ / 473.63 g/mol
	Synonyms	5-(Methylthio)pentylglucosinolate potassium salt

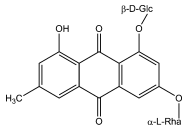
Glucobrassicanapin potassium salt		Product # 83242
	CAS #	[245550-58-7]
	Molecular formula / Molecular weight	$C_{12}H_{20}NO_9S_2K$ / 425.52 g/mol
	Synonyms	4-Pentenylglucosinolate potassium salt

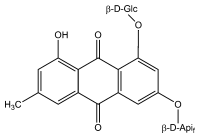
Glucobrassicin potassium salt		Product # 80593
	CAS #	[143231-38-3]
	Molecular formula / Molecular weight	$C_{16}H_{19}N_2O_9S_2K$ / 486.56 g/mol
	Synonyms	3-Indolylmethylglucosinolate potassium salt

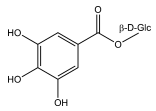
If your substance is missing please check our alphabetical index of synonyms on page 156.

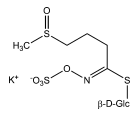
Glucocheirolin potassium salt		Product # 89685
	CAS #	[15592-36-6]
	Molecular formula / Molecular weight	$C_{11}H_{20}NO_{11}S_3K$ / 477.57 g/mol
	Synonyms	3-(Methylsulfonyl)propylglucosinolate potassium salt

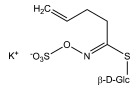
Glucoerucin potassium salt		Product # 89686
	CAS #	[15592-37-7]
	Molecular formula / Molecular weight	$C_{12}H_{22}NO_9S_3K$ / 459.60 g/mol
	Synonyms	4-Methylthiobutylglucosinolate potassium salt

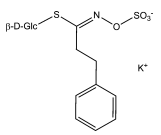
Glucofrangulin A		Product # 84189
	CAS #	[21133-53-9]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{14}$ / 578.52 g/mol
	Synonyms	–

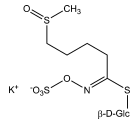
Glucofrangulin B		Product # 84190
	CAS #	[14062-59-0]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.49 g/mol
	Synonyms	–

β-Glucogallin		Product # 83250
	CAS #	[13405-60-2]
	Molecular formula / Molecular weight	$C_{13}H_{16}O_{10}$ / 332.26 g/mol
	Synonyms	Gallotannin 1; 1-O-Galloyl β-D-glucose

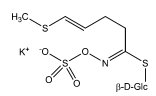
Glucoiberin potassium salt		Product # 89687
	CAS #	[15592-34-4]
	Molecular formula / Molecular weight	$C_{11}H_{20}NO_{10}S_3K$ / 461.57 g/mol
	Synonyms	3-(Methylsulfinyl)propylglucosinolate potassium salt

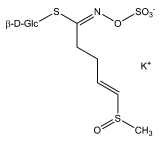
Gluconapin potassium salt		Product # 89688
	CAS #	[245550-57-6]
	Molecular formula / Molecular weight	$C_{11}H_{18}NO_9S_2K$ / 411.49 g/mol
	Synonyms	3-Butenylglucosinolate potassium salt

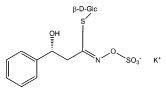
Gluconasturtiin potassium salt		Product # 89689
	CAS #	[18425-76-8]
	Molecular formula / Molecular weight	$C_{15}H_{20}NO_9S_2K$ / 461.55 g/mol
	Synonyms	2-Phenylethylglucosinolate potassium salt

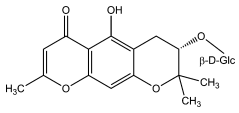
Glucoraphanin potassium salt		Product # 89215
	CAS #	[21414-41-5]
	Molecular formula / Molecular weight	$C_{12}H_{22}NO_{10}S_3K$ / 475.60 g/mol
	Synonyms	4-Methylsulfinylbutylglucosinolate potassium salt

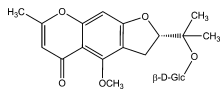
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

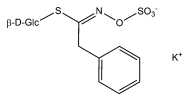
Glucoraphasatin potassium salt		Product # 84216
	CAS #	[245550-64-5]
	Molecular formula / Molecular weight	$C_{12}H_{20}NO_9S_3K$ / 457.58 g/mol
	Synonyms	4-Methylthio 3-butenylglucosinolate potassium salt

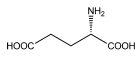
Glucoraphenin potassium salt		Product # 89690
	CAS #	[108844-81-1]
	Molecular formula / Molecular weight	$C_{12}H_{20}NO_{10}S_3K$ / 473.58 g/mol
	Synonyms	4-Methylsulfinyl 3-butenylglucosinolate potassium salt

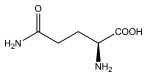
Glucosibarin		Product # 89691
	CAS #	[155450-31-0]
	Molecular formula / Molecular weight	$C_{15}H_{21}NO_{10}S_2$ / 439.46 g/mol
	Synonyms	Epiglucobarbarin; 2(R)-Hydroxy 2-phenylethylglucosinolate

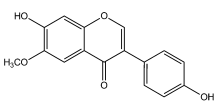
sec-O-Glucosylhamaudol		Product # 83502
	CAS #	[80681-44-3]
	Molecular formula / Molecular weight	$C_{21}H_{26}O_{10}$ / 438.43 g/mol
	Synonyms	–

4'-O-β-D-Glucosyl 5-O-methylvisamminol		Product # 80464
	CAS #	[84272-85-5]
	Molecular formula / Molecular weight	$C_{22}H_{28}O_{10}$ / 452.46 g/mol
	Synonyms	5-O-Methylvisammioside; 5-O-Methylvisamminol β-D-glucopyranoside

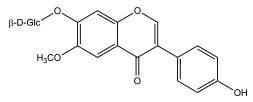
Glucotropaeolin potassium salt		Product # 89216
	CAS #	[5115-71-9]
	Molecular formula / Molecular weight	$C_{14}H_{18}NO_9S_2K$ / 447.53 g/mol
	Synonyms	Benzylglucosinolate potassium salt

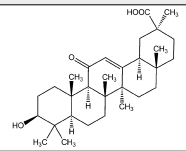
L-Glutamic acid		Product # 82551
	CAS #	[56-86-0]
	Molecular formula / Molecular weight	$C_5H_9NO_4$ / 147.13 g/mol
	Synonyms	–

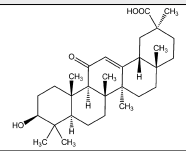
L-Glutamine		Product # 83798
	CAS #	[56-85-9]
	Molecular formula / Molecular weight	$C_5H_{10}N_2O_3$ / 146.14 g/mol
	Synonyms	L-2-Aminoglutaramic acid; Glutamic acid 5-amide; Levoglutamide

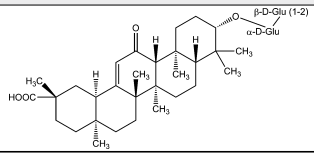
Glycitein		Product # 89692
	CAS #	[40957-83-3]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	4',7-Dihydroxy 6-methoxyisoflavone

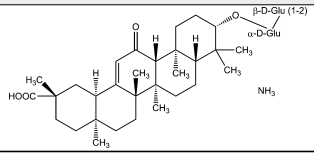
If your substance is missing please check our alphabetical index of synonyms on page 156.

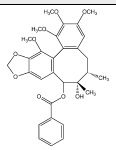
Glycitin		Product # 89693
	CAS #	[40246-10-4]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{10}$ / 446.41 g/mol
	Synonyms	4',7-Dihydroxy 6-methoxyisoflavone 7-O-glucoside; Glycitein 7-O-glucoside

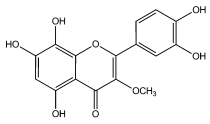
18α-Glycyrrhetinic acid		Product # 82552
	CAS #	[1449-05-4]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_4$ / 470.70 g/mol
	Synonyms	18α-Glycyrrhetic acid; 18-Isoglycyrrhetinic acid

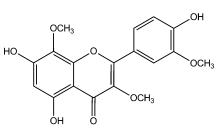
18β-Glycyrrhetinic acid		Product # 89694
	CAS #	[471-53-4]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_4$ / 470.70 g/mol
	Synonyms	18β-Glycyrrhetic acid; Glycyrrhetin; Subglycyrrhelinic acid; Uralenic acid

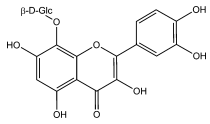
Glycyrrhizin		Product # 89217
	CAS #	[1405-86-3]
	Molecular formula / Molecular weight	$C_{42}H_{62}O_{16}$ / 822.95 g/mol
	Synonyms	Glycyrrhetinic acid glycoside; Glycyrrhizic acid; Glycyrrhizinic acid

Glycyrrhizin ammonium salt		Product # 82467
	CAS #	[53956-04-0]
	Molecular formula / Molecular weight	$C_{42}H_{62}O_{16} \times NH_3$ / 839.98 g/mol
	Synonyms	Ammonium glycyrrhizate; 18β-Glycyrrhizic acid ammonium salt; Monoammonium glycyrrhizate

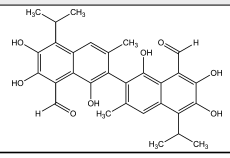
Gomisin G		Product # 83314
	CAS #	[62956-48-3]
	Molecular formula / Molecular weight	$C_{30}H_{32}O_9$ / 536.58 g/mol
	Synonyms	–

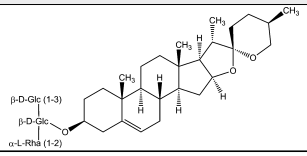
Gossypetin 3-methylether		Product # 82554
	CAS #	[86749-51-1]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_8$ / 332.27 g/mol
	Synonyms	3',4',5,7,8-Pentahydroxy 3-methoxyflavone

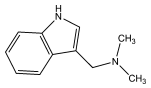
Gossypetin 3,3',8-trimethylether		Product # 82553
	CAS #	[14965-08-3]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_8$ / 360.32 g/mol
	Synonyms	4',5,7-Trihydroxy 3,3',8-trimethoxyflavone

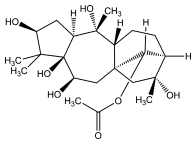
Gossypin		Product # 89695
	CAS #	[652-78-8]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{13}$ / 480.38 g/mol
	Synonyms	Gossypetin 8-glucoside; 3,3',4',5,7,8-Hexahydroxyflavone 8-glucoside

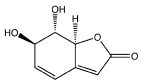
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

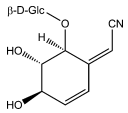
Gossypol		Product # 83856
	CAS #	[303-45-7]
	Molecular formula / Molecular weight	$C_{30}H_{30}O_8$ / 518.55 g/mol
	Synonyms	–

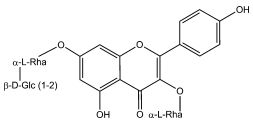
Gracillin		Product # 83503
	CAS #	[19083-00-2]
	Molecular formula / Molecular weight	$C_{45}H_{72}O_{17}$ / 885.06 g/mol
	Synonyms	Diosgenin 3-gracillimatrioside; Dulcamarin C; Lilioglycoside G

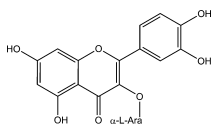
Gramine		Product # 80465
	CAS #	[87-52-5]
	Molecular formula / Molecular weight	$C_{11}H_{14}N_2$ / 174.25 g/mol
	Synonyms	3-(N,N-Dimethylaminomethyl)indole

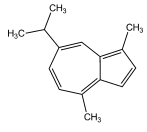
Grayanotoxin I		Product # 84178
	CAS #	[4720-09-6]
	Molecular formula / Molecular weight	$C_{22}H_{36}O_7$ / 412.52 g/mol
	Synonyms	Acetylandromedol; Andromedotoxin; Rhodotoxin

Griffonilide		Product # 83504
	CAS #	[61371-55-9]
	Molecular formula / Molecular weight	$C_8H_8O_4$ / 168.15 g/mol
	Synonyms	–

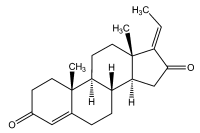
Griffonin		Product # 83505
	CAS #	[63492-69-3]
	Molecular formula / Molecular weight	$C_{14}H_{19}NO_8$ / 329.31 g/mol
	Synonyms	Lithospermoside

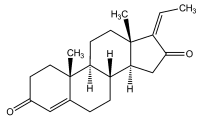
Grosvenorine		Product # 84217
	CAS #	[156980-60-8]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{19}$ / 740.66 g/mol
	Synonyms	Kaempferol 3-rhamnoside 7-(2''-glucosylrhamnoside); 3,4',5,7-Tetrahydroxyflavone 3-rhamnoside 7-(2''-glucosylrhamnoside)

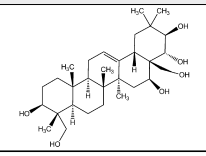
Guaiaverin		Product # 80986
	CAS #	[22255-13-6]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_{11}$ / 434.36 g/mol
	Synonyms	Feniculin; Foeniculin; Guajaverin; 3,3',4',5,7-Pentahydroxyflavone 3-O-α-L-arabinopyranoside; Quercetin 3-O-α-L-arabinopyranoside

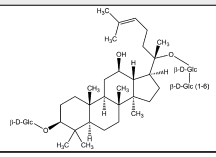
Guaiazulene		Product # 89697
	CAS #	[489-84-9]
	Molecular formula / Molecular weight	$C_{15}H_{18}$ / 198.31 g/mol
	Synonyms	–

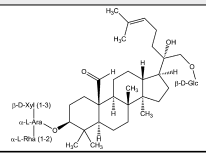
If your substance is missing please check our alphabetical index of synonyms on page 156.

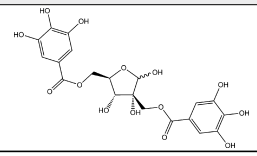
Guggulsterone E		**Product # 89698**
	CAS #	[39025-24-6]
	Molecular formula / Molecular weight	$C_{21}H_{28}O_2$ / 312.45 g/mol
	Synonyms	–

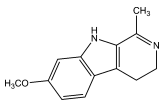
Guggulsterone Z		**Product # 89699**
	CAS #	[39025-23-5]
	Molecular formula / Molecular weight	$C_{21}H_{28}O_2$ / 312.45 g/mol
	Synonyms	–

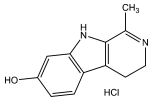
Gymnemagenin		**Product # 80466**
	CAS #	[22467-07-8]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_6$ / 506.73 g/mol
	Synonyms	–

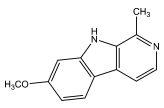
Gypenoside XVII		**Product # 83506**
	CAS #	[80321-69-3]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{18}$ / 947.17 g/mol
	Synonyms	Ginsenoside Gyp17; Gynosaponin S

Gypenoside XLIX		**Product # 83507**
	CAS #	[94987-08-3]
	Molecular formula / Molecular weight	$C_{52}H_{86}O_{21}$ / 1047.25 g/mol
	Synonyms	–

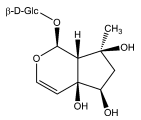
Hamamelitannin		**Product # 89473**
	CAS #	[469-32-9]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_{14}$ / 484.37 g/mol
	Synonyms	2',5'-Di-O-galloyl D-hamamelose

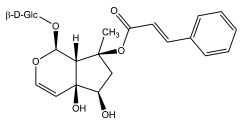
Harmaline		**Product # 89700**
	CAS #	[304-21-2]
	Molecular formula / Molecular weight	$C_{13}H_{14}N_2O$ / 214.27 g/mol
	Synonyms	3,4-Dihydroharmine; Harmidine

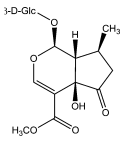
Harmalol hydrochloride		**Product # 89701**
	CAS #	[6028-07-5]
	Molecular formula / Molecular weight	$C_{12}H_{12}N_2O \times HCl$ / 236.70 g/mol
	Synonyms	Harmidol hydrochloride; 11-Hydroxyharmalan hydrochloride

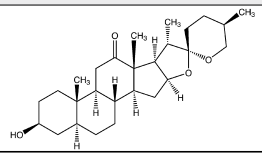
Harmine		**Product # 89702**
	CAS #	[442-51-3]
	Molecular formula / Molecular weight	$C_{13}H_{12}N_2O$ / 212.25 g/mol
	Synonyms	Banisterine; Leucoharmine; Telepathine; Yageine

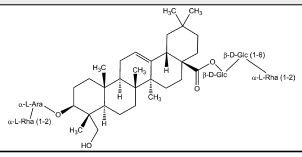
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

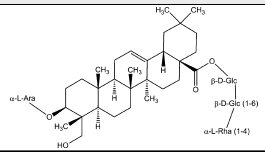
Harpagide		Product # 89703
	CAS #	[6926-08-5]
	Molecular formula / Molecular weight	$C_{15}H_{24}O_{10}$ / 364.35 g/mol
	Synonyms	–

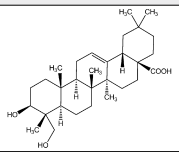
Harpagoside		Product # 89218
	CAS #	[19210-12-9]
	Molecular formula / Molecular weight	$C_{24}H_{30}O_{11}$ / 494.50 g/mol
	Synonyms	–

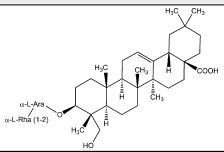
Hastatoside		Product # 89705
	CAS #	[50816-24-5]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{11}$ / 404.37 g/mol
	Synonyms	–

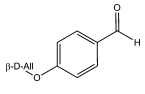
Hecogenin		Product # 83508
	CAS #	[467-55-0]
	Molecular formula / Molecular weight	$C_{27}H_{42}O_4$ / 430.63 g/mol
	Synonyms	Gekogenin; Hocogenin; 12-Oxotigogenin

Hederacoside C		Product # 89221
	CAS #	[14216-03-6]
	Molecular formula / Molecular weight	$C_{59}H_{96}O_{26}$ / 1221.40 g/mol
	Synonyms	Akebia saponin PK; Hederasaponin C; Hederoside H1; Kalopanaxsaponin B; Kizuta saponin K12; Koronaroside B; Pericarsaponin Pk; Pulsatilla saponin F; Saponin K12; Saponin PK; Tauroside H2

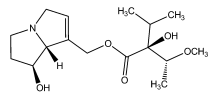
Hederacoside D		Product # 84218
	CAS #	[760961-03-3]
	Molecular formula / Molecular weight	$C_{53}H_{86}O_{22}$ / 1075.24 g/mol
	Synonyms	–

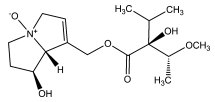
Hederagenin		Product # 89706
	CAS #	[465-99-6]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_4$ / 472.71 g/mol
	Synonyms	Astrantiagenin E; Caulosapogenin; Hederagenic acid; Hederagenol

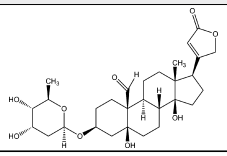
α-Hederin		Product # 89220
	CAS #	[27013-91-8]
	Molecular formula / Molecular weight	$C_{41}H_{66}O_{12}$ / 750.97 g/mol
	Synonyms	Akebia saponin PD; Akebioside Stc; Cephalaroside C; Dipsacobioside; Glycoside L-E1; Hederoside C; Helixin; Kalopanaxsaponin A; Kizuta saponin K6; Koronaroside A; Nepalin 2; Prosapogenin CP3b; Pulsatilla saponin A; Sapindoside A; Tauroside E

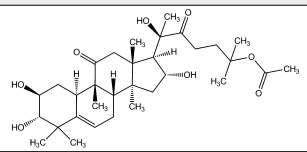
Helicid		Product # 82556
	CAS #	[80154-34-3]
	Molecular formula / Molecular weight	$C_{13}H_{16}O_7$ / 284.27 g/mol
	Synonyms	–

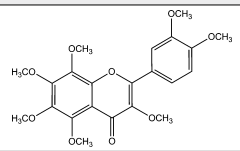
If your substance is missing please check our alphabetical index of synonyms on page 156.

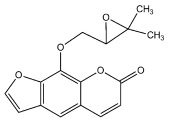
Heliotrine		Product # 80403
	CAS #	[303-33-3]
	Molecular formula / Molecular weight	$C_{16}H_{27}NO_5$ / 313.40 g/mol
	Synonyms	–

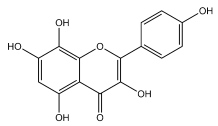
Heliotrine N-oxide		Product # 83236
	CAS #	[6209-65-0]
	Molecular formula / Molecular weight	$C_{16}H_{27}NO_6$ / 329.39 g/mol
	Synonyms	–

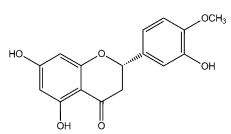
Helveticoside		Product # 80739
	CAS #	[630-64-8]
	Molecular formula / Molecular weight	$C_{29}H_{42}O_9$ / 534.64 g/mol
	Synonyms	Alleoside A; Deglucoerysimoside; Erysimisin; Erysimotoxin; Strophantidin 3β-digitoxoside

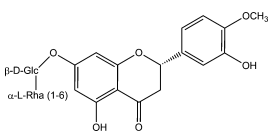
Hemslecin A		Product # 82557
	CAS #	[58546-34-2]
	Molecular formula / Molecular weight	$C_{32}H_{50}O_8$ / 562.75 g/mol
	Synonyms	25-Acetoxy 23,24-dihydrocucurbitacin F; 25-O-Acetyl 23,24-dihydrocucurbitacin F; Cucurbitacin IIa; Dihydrocucurbitacin F 25-O-acetate; Dihydrocucurbitacin Q1

3,3',4',5,6,7,8-Heptamethoxyflavone		Product # 84219
	CAS #	[1178-24-1]
	Molecular formula / Molecular weight	$C_{22}H_{24}O_9$ / 432.42 g/mol
	Synonyms	3-Methoxynobiletin

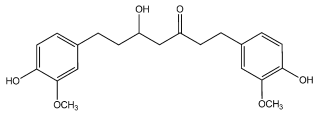
(+/-)-Heraclenin		Product # 80468
	CAS #	[35740-18-2]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_5$ / 286.28 g/mol
	Synonyms	Imperatorin epoxide; Oxyimperatorin; Prangenin

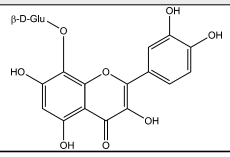
Herbacetin		Product # 83857
	CAS #	[527-95-7]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_7$ / 302.24 g/mol
	Synonyms	8-Hydroxykaempferol; Isoarticulatidin; 3,4',5,7,8-Pentahydroxyflavone

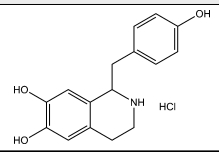
Hesperetin		Product # 89222
	CAS #	[520-33-2]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_6$ / 302.28 g/mol
	Synonyms	Eriodictyol 4'-monomethyl ether; Hesperitin; 3',5,7-Trihydroxy 4'-methoxyflavanone

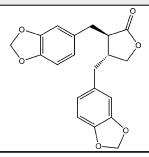
Hesperidin		Product # 89707
	CAS #	[520-26-3]
	Molecular formula / Molecular weight	$C_{28}H_{34}O_{15}$ / 610.57 g/mol
	Synonyms	Atripliside B; Cirantin; Hesperetin 7-rhamnoglucoside; Hesperetin 7-rutinoside; Hesperidoside; 3',5,7-Trihydroxy 4'-methoxyflavanone 7-rutinoside

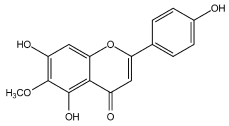
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

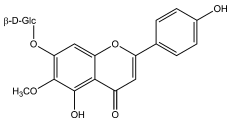
Hexahydrocurcumin		Product # 82559
	CAS #	[36062-05-2]
	Molecular formula / Molecular weight	$C_{21}H_{26}O_6$ / 374.43 g/mol
	Synonyms	–

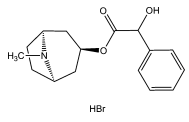
Hibifolin		Product # 83580
	CAS #	[55366-56-8]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{14}$ / 494.36 g/mol
	Synonyms	Gossypetin 8-glucuronide; 3,3',4',5,7,8-Hexahydroxyflavone 8-glucuronide

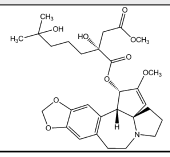
Higenamine hydrochloride		Product # 83509
	CAS #	[11041-94-4]
	Molecular formula / Molecular weight	$C_{16}H_{17}NO_3 \times HCl$ / 307.78 g/mol
	Synonyms	(+/-)-Demethylcoclaurine hydrochloride; (+/-)-Norcoclaurine hydrochloride

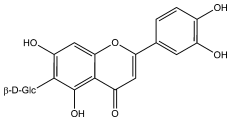
Hinokinin		Product # 84166
	CAS #	[26543-89-5]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_6$ / 354.35 g/mol
	Synonyms	Cubebinolide; Dihydroisohibalactone

Hispidulin		Product # 83335
	CAS #	[1447-88-7]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_6$ / 300.27 g/mol
	Synonyms	Dinatin; 6-Methoxyapigenin; 6-Methylscutellarein; Salvitin; Scutellarein 6-methyl ether; 4',5,7-Trihydroxy 6-methoxyflavone

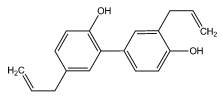
Hispidulin 7-glucoside		Product # 83315
	CAS #	[17680-84-1]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{11}$ / 462.41 g/mol
	Synonyms	Dinatin 7-glucoside; Hispiduloside; Homoplantaginin; 6-Methoxyapigenin 7-glucoside; 6-Methylscutellarein 7-glucoside; Salvitin 7-glucoside; Scutellarein 6-methyl ether 7-glucoside; 4',5,7-Trihydroxy 6-methoxyflavone 7-glucoside

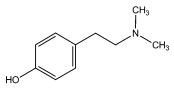
Homatropine hydrobromide		Product # 84120
	CAS #	[51-56-9]
	Molecular formula / Molecular weight	$C_{16}H_{21}NO_3 \times HBr$ / 356.25 g/mol
	Synonyms	Mandelyltropeine hydrobromide; Tropine mandelate hydrobromide

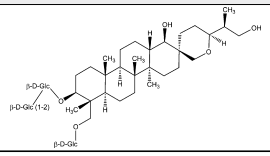
Homoharringtonine		Product # 89708
	CAS #	[26833-87-4]
	Molecular formula / Molecular weight	$C_{29}H_{39}NO_9$ / 545.63 g/mol
	Synonyms	–

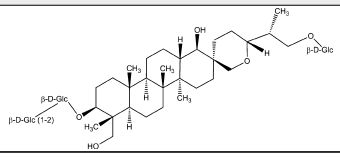
Homoorientin		Product # 89709
	CAS #	[4261-42-1]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	Isoorientin; Lespecapitioside; Luteolin 6-C-glucoside; Lutonaretin; 3',4',5,7-Tetrahydroxyflavone 6-C-glucoside

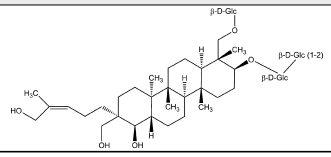
If your substance is missing please check our alphabetical index of synonyms on page 156.

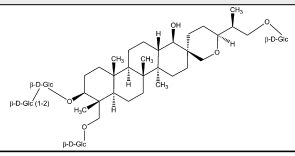
Honokiol		**Product # 89315**
	CAS #	[35354-74-6]
	Molecular formula / Molecular weight	$C_{18}H_{18}O_2$ / 266.34 g/mol
	Synonyms	–

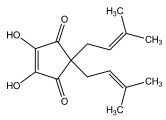
Hordenine		**Product # 80469**
	CAS #	[539-15-1]
	Molecular formula / Molecular weight	$C_{10}H_{15}NO$ / 165.24 g/mol
	Synonyms	Anhaline; p-Hydroxy N,N-dimethylphenethylamine; Peyocactine

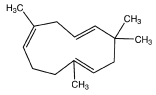
Hosenkoside A		**Product # 84220**
	CAS #	[156791-82-1]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{20}$ / 979.15 g/mol
	Synonyms	–

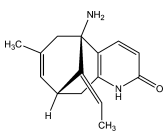
Hosenkoside B		**Product # 84221**
	CAS #	[156764-82-8]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{20}$ / 979.15 g/mol
	Synonyms	–

Hosenkoside C		**Product # 84222**
	CAS #	[156764-83-9]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{20}$ / 979.15 g/mol
	Synonyms	–

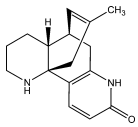
Hosenkoside K		**Product # 84223**
	CAS #	[160896-49-1]
	Molecular formula / Molecular weight	$C_{54}H_{92}O_{25}$ / 1141.29 g/mol
	Synonyms	–

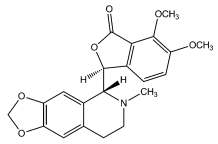
Hulupinic acid		**Product # 89899**
	CAS #	[1891-42-5]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_4$ / 264.32 g/mol
	Synonyms	–

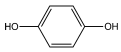
α-Humulene		**Product # 83351**
	CAS #	[6753-98-6]
	Molecular formula / Molecular weight	$C_{15}H_{24}$ / 204.36 g/mol
	Synonyms	α-Caryophyllene

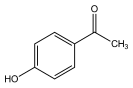
Huperzine A		**Product # 89313**
	CAS #	[102518-79-6]
	Molecular formula / Molecular weight	$C_{15}H_{18}N_2O$ / 242.32 g/mol
	Synonyms	Kimpukan A; Selagine

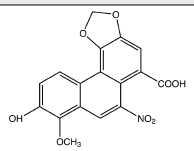
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

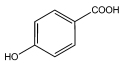
Huperzine B		Product # 80470
	CAS #	[103548-82-9]
	Molecular formula / Molecular weight	$C_{16}H_{20}N_2O$ / 256.35 g/mol
	Synonyms	Fordimine

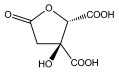
Hydrastine		Product # 89511
	CAS #	[118-08-1]
	Molecular formula / Molecular weight	$C_{21}H_{21}NO_6$ / 383.40 g/mol
	Synonyms	–

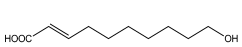
Hydroquinone		Product # 80712
	CAS #	[123-31-9]
	Molecular formula / Molecular weight	$C_6H_6O_2$ / 110.11 g/mol
	Synonyms	Benzohydroquinone; Benzoquinol; p-Dihydroquinone; 1,4-Dihydroxybenzene; 4-Hydroxyphenol

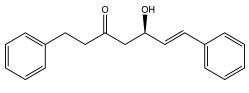
4'-Hydroxyacetophenone		Product # 80232
	CAS #	[99-93-4]
	Molecular formula / Molecular weight	$C_8H_8O_2$ / 136.15 g/mol
	Synonyms	p-Acetophenol; 4-Hydroxyphenylethanone; p-Hydroxyphenyl methyl ketone; Piceol

7-Hydroxyaristolochic acid I		Product # 80471
	CAS #	[79185-75-4]
	Molecular formula / Molecular weight	$C_{17}H_{11}NO_8$ / 357.28 g/mol
	Synonyms	Aristolochic acid VIIa; 7-Hydroxyaristolochic acid A

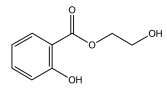
p-Hydroxybenzoic acid		Product # 83051
	CAS #	[99-96-7]
	Molecular formula / Molecular weight	$C_7H_6O_3$ / 138.12 g/mol
	Synonyms	4-Carboxyphenol; 4-Hydroxybenzoic acid; p-Salicylic acid

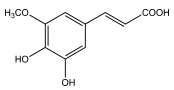
(-)-Hydroxycitric acid lactone		Product # 80473
	CAS #	[27750-13-6]
	Molecular formula / Molecular weight	$C_6H_6O_7$ / 190.11 g/mol
	Synonyms	Garcinia acid lactone

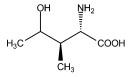
10-Hydroxy 2-decenoic acid		Product # 89223
	CAS #	[14113-05-4]
	Molecular formula / Molecular weight	$C_{10}H_{18}O_3$ / 186.25 g/mol
	Synonyms	Royal jelly acid

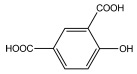
5-Hydroxy 1,7-diphenyl 6-hepten 3-one		Product # 84224
	CAS #	[87095-74-7]
	Molecular formula / Molecular weight	$C_{19}H_{20}O_2$ / 280.36 g/mol
	Synonyms	–

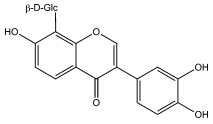
If your substance is missing please check our alphabetical index of synonyms on page 156.

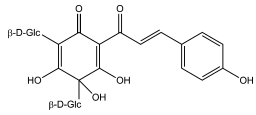
2-Hydroxyethyl salicylate		Product # 80106
	CAS #	[87-28-5]
	Molecular formula / Molecular weight	$C_9H_{10}O_4$ / 182.18 g/mol
	Synonyms	Ethylene glycol salicylate; Glycol salicylate; Salicylic acid 2-hydroxyethyl ester

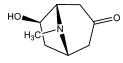
trans-5-Hydroxyferulic acid		Product # 83858
	CAS #	[110642-42-7]
	Molecular formula / Molecular weight	$C_{10}H_{10}O_5$ / 210.18 g/mol
	Synonyms	–

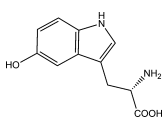
4-Hydroxy L-isoleucine		Product # 80474
	CAS #	[781658-23-9]
	Molecular formula / Molecular weight	$C_6H_{13}NO_3$ / 147.17 g/mol
	Synonyms	–

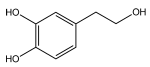
4-Hydroxyisophthalic acid		Product # 80863
	CAS #	[636-46-4]
	Molecular formula / Molecular weight	$C_8H_6O_5$ / 182.13 g/mol
	Synonyms	4-Hydroxy 1,3-benzenedicarboxylic acid

3'-Hydroxypuerarin		Product # 83859
	CAS #	[117060-54-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	3',4',7-Trihydroxyisoflavone 8-C-glucoside

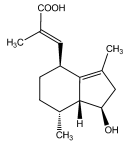
Hydroxysafflor yellow A		Product # 83510
	CAS #	[78281-02-4]
	Molecular formula / Molecular weight	$C_{27}H_{32}O_{16}$ / 612.54 g/mol
	Synonyms	HSYA; Safflomin A

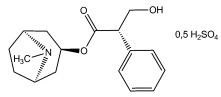
6β-Hydroxytropinone		Product # 84090
	CAS #	[5932-53-6]
	Molecular formula / Molecular weight	$C_8H_{13}NO_2$ / 155.19 g/mol
	Synonyms	–

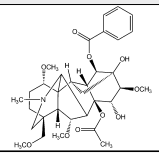
5-Hydroxy L-tryptophan		Product # 80477
	CAS #	[4350-09-8]
	Molecular formula / Molecular weight	$C_{11}H_{12}N_2O_3$ / 220.23 g/mol
	Synonyms	L-5-HTP

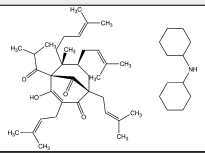
Hydroxytyrosol		Product # 80152
	CAS #	[10597-60-1]
	Molecular formula / Molecular weight	$C_8H_{10}O_3$ / 154.17 g/mol
	Synonyms	3,4-Dihydroxyphenethyl alcohol; Homoprotocatechuyl alcohol

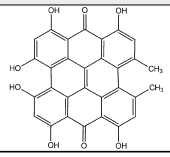
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

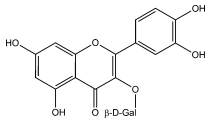
Hydroxyvalerenic acid		Product # 89224
	CAS #	[1619-16-5]
	Molecular formula / Molecular weight	$C_{15}H_{22}O_3$ / 250.34 g/mol
	Synonyms	Valerenolic acid

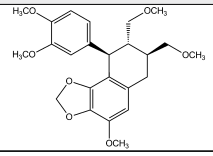
Hyoscyamine sulfate		Product # 82389
	CAS #	[620-61-1]
	Molecular formula / Molecular weight	$C_{17}H_{23}NO_3 \times 0.5\ H_2SO_4$ / 338.41 g/mol
	Synonyms	–

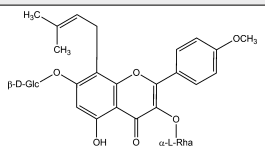
Hypaconitine		Product # 89712
	CAS #	[6900-87-4]
	Molecular formula / Molecular weight	$C_{33}H_{45}NO_{10}$ / 615.72 g/mol
	Synonyms	–

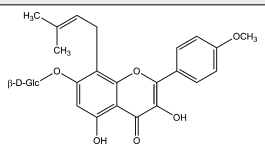
Hyperforin (stable Dicyclohexylammonium salt)		Product # 89225
	CAS #	[238074-03-8]
	Molecular formula / Molecular weight	$C_{35}H_{52}O_4 \times C_{12}H_{23}N$ / 718.12 g/mol
	Synonyms	–

Hypericin		Product # 89226
	CAS #	[548-04-9]
	Molecular formula / Molecular weight	$C_{30}H_{16}O_8$ / 504.45 g/mol
	Synonyms	–

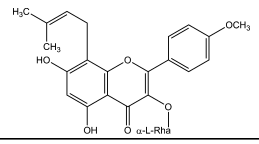
Hyperoside		Product # 89227
	CAS #	[482-36-0]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{12}$ / 464.38 g/mol
	Synonyms	Hyperin; 3,3',4',5,7-Pentahydroxyflavone 3-galactoside; Quercetin 3-galactoside

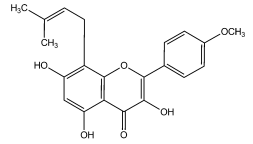
Hypophyllanthin		Product # 89713
	CAS #	[33676-00-5]
	Molecular formula / Molecular weight	$C_{24}H_{30}O_7$ / 430.50 g/mol
	Synonyms	–

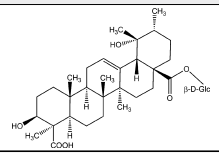
Icariin		Product # 89714
	CAS #	[489-32-7]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{15}$ / 676.67 g/mol
	Synonyms	Iearitine

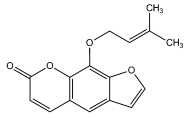
Icariside I		Product # 83316
	CAS #	[56725-99-6]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{11}$ / 530.53 g/mol
	Synonyms	Icariin I

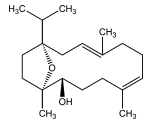
If your substance is missing please check our alphabetical index of synonyms on page 156.

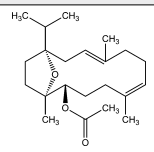
Icariside II		**Product # 83286**
	CAS #	[113558-15-9]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{10}$ / 514.53 g/mol
	Synonyms	Baohuoside I; Icariin II

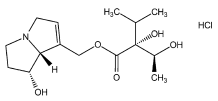
Icaritin		**Product # 80478**
	CAS #	[118525-40-9]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_6$ / 368.39 g/mol
	Synonyms	–

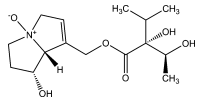
Ilexsaponin A		**Product # 84225**
	CAS #	[108524-93-2]
	Molecular formula / Molecular weight	$C_{36}H_{56}O_{11}$ / 664.82 g/mol
	Synonyms	–

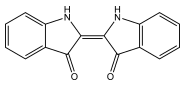
Imperatorin		**Product # 89715**
	CAS #	[482-44-0]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_4$ / 270.29 g/mol
	Synonyms	Ammidin; 8-Isopentenyloxypsoralene; Marmelide; Marmelosin

Incensole		**Product # 83860**
	CAS #	[22419-74-5]
	Molecular formula / Molecular weight	$C_{20}H_{34}O_2$ / 306.48 g/mol
	Synonyms	–

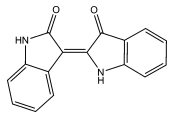
Incensole acetate		**Product # 83861**
	CAS #	[34701-53-6]
	Molecular formula / Molecular weight	$C_{22}H_{36}O_3$ / 348.52 g/mol
	Synonyms	–

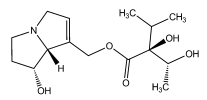
Indicine hydrochloride		**Product # 83234**
	CAS #	[1195140-94-3]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_5 \times HCl$ / 335.83 g/mol
	Synonyms	–

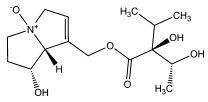
Indicine N-oxide		**Product # 83235**
	CAS #	[41708-76-3]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_6$ / 315.37 g/mol
	Synonyms	–

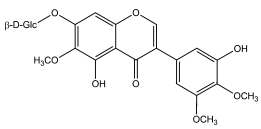
Indigotin		**Product # 83294**
	CAS #	[482-89-3]
	Molecular formula / Molecular weight	$C_{16}H_{10}N_2O_2$ / 262.27 g/mol
	Synonyms	Indigo

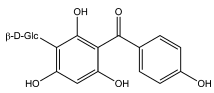
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

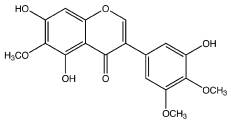
Indirubin		**Product # 89716**
	CAS #	[479-41-4]
	Molecular formula / Molecular weight	$C_{16}H_{10}N_2O_2$ / 262.27 g/mol
	Synonyms	Coroupitine B; Indigopurpurin; Indigo Red

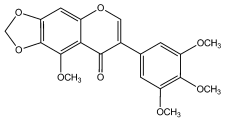
Intermedine		**Product # 82424**
	CAS #	[10285-06-0]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_5$ / 299.37 g/mol
	Synonyms	–

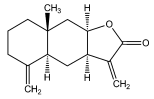
Intermedine N-oxide		**Product # 83446**
	CAS #	[95462-14-9]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_6$ / 315.36 g/mol
	Synonyms	–

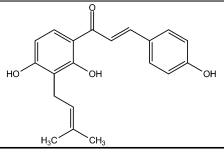
Iridin		**Product # 82562**
	CAS #	[491-74-7]
	Molecular formula / Molecular weight	$C_{24}H_{26}O_{13}$ / 522.46 g/mol
	Synonyms	Irigenin 7-glucoside; 3',5,7-Trihydroxy 4',5',6-trimethoxyisoflavone 7-glucoside

Iriflophenone 3-C-glucoside		**Product # 83511**
	CAS #	[104669-02-5]
	Molecular formula / Molecular weight	$C_{19}H_{20}O_{10}$ / 408.36 g/mol
	Synonyms	–

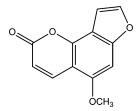
Irigenin		**Product # 83512**
	CAS #	[548-76-5]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_8$ / 360.32 g/mol
	Synonyms	3',5,7-Trihydroxy 4',5',6-trimethoxyisoflavone

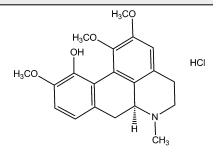
Irisflorentin		**Product # 82563**
	CAS #	[41743-73-1]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_8$ / 386.36 g/mol
	Synonyms	–

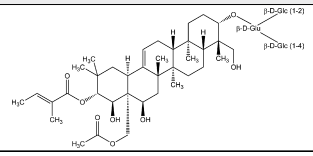
Isoalantolactone		**Product # 89228**
	CAS #	[470-17-7]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_2$ / 232.32 g/mol
	Synonyms	Isohelenin

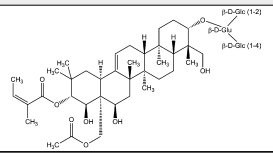
Isobavachalcone		**Product # 83317**
	CAS #	[20784-50-3]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_4$ / 324.38 g/mol
	Synonyms	Corylifolinin; Isobacachalcone

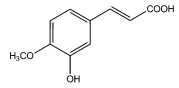
If your substance is missing please check our alphabetical index of synonyms on page 156.

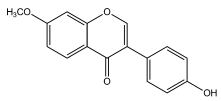
Isobergapten		Product # 82564
	CAS #	[482-48-4]
	Molecular formula / Molecular weight	$C_{12}H_8O_4$ / 216.19 g/mol
	Synonyms	5-Methoxyangelicin

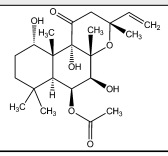
(+)-Isocorydine hydrochloride		Product # 80479
	CAS #	[13552-72-2]
	Molecular formula / Molecular weight	$C_{20}H_{23}NO_4 \times HCl$ / 377.87 g/mol
	Synonyms	–

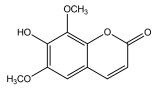
Isoescin IA		Product # 83862
	CAS #	[219944-39-5]
	Molecular formula / Molecular weight	$C_{55}H_{86}O_{24}$ / 1131.26 g/mol
	Synonyms	Aescin C; Escin IVa

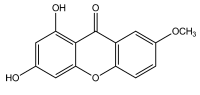
Isoescin IB		Product # 83863
	CAS #	[219944-46-4]
	Molecular formula / Molecular weight	$C_{55}H_{86}O_{24}$ / 1131.26 g/mol
	Synonyms	Aescin D; Escin IVb

trans-Isoferulic acid		Product # 89717
	CAS #	[25522-33-2]
	Molecular formula / Molecular weight	$C_{10}H_{10}O_4$ / 194.19 g/mol
	Synonyms	Hesperetic acid; 3-Hydroxy 4-methoxy trans-cinnamic acid; 4-Methoxy trans-caffeic acid

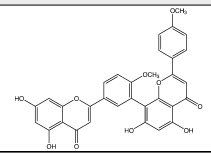
Isoformononetin		Product # 83257
	CAS #	[486-63-5]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_4$ / 268.27 g/mol
	Synonyms	4'-Hydroxy 7-methoxyisoflavone

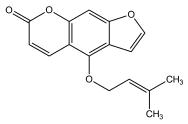
Isoforskolin		Product # 82566
	CAS #	[64657-21-2]
	Molecular formula / Molecular weight	$C_{22}H_{34}O_7$ / 410.51 g/mol
	Synonyms	Coleonol B; Excolabdone C

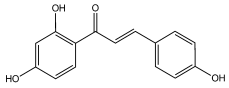
Isofraxidin		Product # 89229
	CAS #	[486-21-5]
	Molecular formula / Molecular weight	$C_{11}H_{10}O_5$ / 222.20 g/mol
	Synonyms	6,8-Dimethoxyumbelliferone; 7-Hydroxy 6,8-dimethoxycoumarin

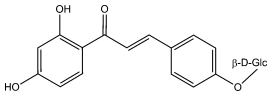
Isogentisin		Product # 83239
	CAS #	[491-64-5]
	Molecular formula / Molecular weight	$C_{14}H_{10}O_5$ / 258.23 g/mol
	Synonyms	1,3-Dihydroxy 7-methoxyxanthone

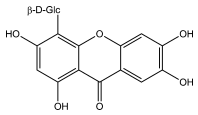
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

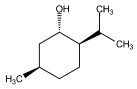
Isoginkgetin		Product # 83513
	CAS #	[548-19-6]
	Molecular formula / Molecular weight	$C_{32}H_{22}O_{10}$ / 566.52 g/mol
	Synonyms	Amentoflavone 4',4'''-dimethyl ether; 4',4'''-Dimethylamentoflavone

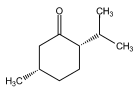
Isoimperatorin		Product # 89323
	CAS #	[482-45-1]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_4$ / 270.29 g/mol
	Synonyms	–

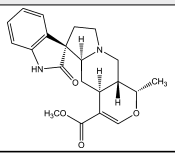
Isoliquiritigenin		Product # 89544
	CAS #	[961-29-5]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_4$ / 256.26 g/mol
	Synonyms	2',4,4'-Trihydroxychalcone

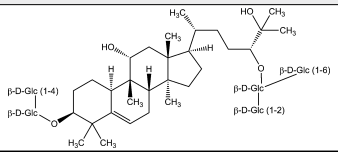
Isoliquiritin		Product # 80481
	CAS #	[5041-81-6]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_9$ / 418.40 g/mol
	Synonyms	Isoliquiritoside; 2',4,4'-Trihydroxychalcone 4-glucoside

Isomangiferin		Product # 83514
	CAS #	[24699-16-9]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_{11}$ / 422.35 g/mol
	Synonyms	1,3,6,7-Tetrahydroxyxanthone 4-C-glucoside

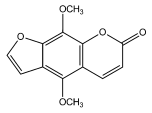
(+)-Isomenthol		Product # 80016
	CAS #	[23283-97-8]
	Molecular formula / Molecular weight	$C_{10}H_{20}O$ / 156.27 g/mol
	Synonyms	–

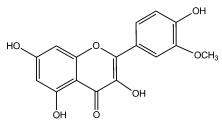
Isomenthone		Product # 89328
	CAS #	[491-07-6]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	cis-p-Menthan 3-one

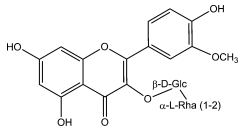
Isomitraphylline		Product # 89718
	CAS #	[4963-01-3]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_4$ / 368.43 g/mol
	Synonyms	Ajmalicine oxindole A

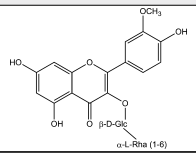
Isomogroside V		Product # 84226
	CAS #	[1126032-65-2]
	Molecular formula / Molecular weight	$C_{60}H_{102}O_{29}$ / 1287.43 g/mol
	Synonyms	–

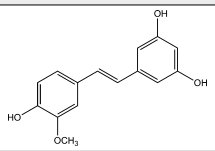
If your substance is missing please check our alphabetical index of synonyms on page 156.

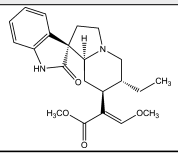
Isopimpinellin		Product # 89873
	CAS #	[482-27-9]
	Molecular formula / Molecular weight	$C_{13}H_{10}O_5$ / 246.22 g/mol
	Synonyms	5,8-Dimethoxypsoralen

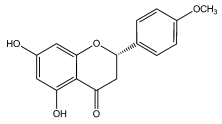
Isorhamnetin		Product # 89314
	CAS #	[480-19-3]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_7$ / 316.27 g/mol
	Synonyms	Isorhamnetol; 3'-Methoxyquercetin; 3'-Methylquercetin; Quercetin 3'-methyl ether; 3,4',5,7-Tetrahydroxy 3'-methoxyflavone

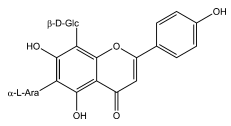
Isorhamnetin 3-neohesperidoside		Product # 82568
	CAS #	[55033-90-4]
	Molecular formula / Molecular weight	$C_{28}H_{32}O_{16}$ / 624.55 g/mol
	Synonyms	Calendoflavoside; 3,4',5,7-Tetrahydroxy 3'-methoxyflavone 3-neohesperidoside

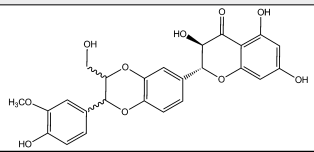
Isorhamnetin 3-rutinoside		Product # 83337
	CAS #	[604-80-8]
	Molecular formula / Molecular weight	$C_{28}H_{32}O_{16}$ / 624.55 g/mol
	Synonyms	Isorhamnetol 3-rutinoside; 3'-Methylquercetin 3-rutinoside; Narcissin; Narcissoside; Quercetin 3'-methyl ether 3-rutinoside; 3-Rutinosylisorhamnetin; 3,4',5,7-Tetrahydroxy 3'-methoxyflavone 3-rutinoside

Isorhapontigenin		Product # 84227
	CAS #	[32507-66-7]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_4$ / 258.27 g/mol
	Synonyms	3'-Methoxyresveratrol; 3'-Methoxy 3,4',5-stilbenetriol; 3,4',5-Trihydroxy 3'-methoxystilbene

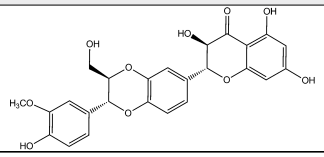
Isorhynchophylline		Product # 80483
	CAS #	[6859-01-4]
	Molecular formula / Molecular weight	$C_{22}H_{28}N_2O_4$ / 384.48 g/mol
	Synonyms	–

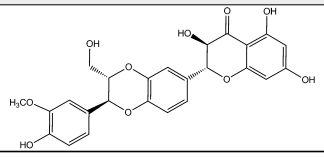
Isosakuranetin		Product # 82569
	CAS #	[480-43-3]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_5$ / 286.28 g/mol
	Synonyms	Citrifoliol; 5,7-Dihydroxy 4'-methoxyflavanone; 4'-Methylnaringenin; Naringenin 4'-methyl ether; Ponciretin

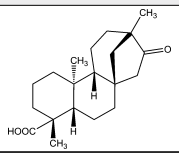
Isoschaftoside		Product # 83324
	CAS #	[52012-29-0]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.50 g/mol
	Synonyms	Apigenin 6-C-α-L-arabinoside 8-C-β-D-glucoside

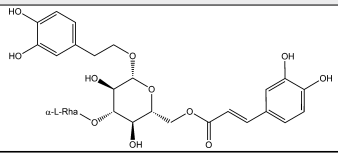
Isosilybin (A + B mixture)		Product # 89231
	CAS #	[72581-71-6]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	Isosilybinin

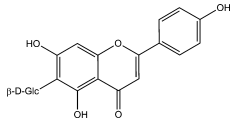
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

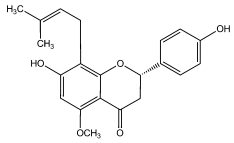
Isosilybin A		Product # 82570
	CAS #	[142796-21-2]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	Silybin b2

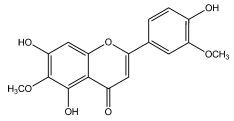
Isosilybin B		Product # 82571
	CAS #	[142796-22-3]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	Silybin a2

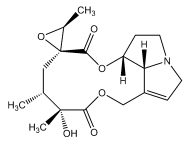
Isosteviol		Product # 82395
	CAS #	[27975-19-5]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_3$ / 318.46 g/mol
	Synonyms	Ketoisostevic acid

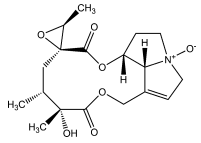
Isoverbascoside		Product # 89232
	CAS #	[61303-13-7]
	Molecular formula / Molecular weight	$C_{29}H_{36}O_{15}$ / 624.60 g/mol
	Synonyms	Isoacteoside

Isovitexin		Product # 89233
	CAS #	[38953-85-4]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	6-C-Glucosylapigenin; Homovitexin; Saponaretin; 4',5,7-Trihydroxyflavone 6-C-glucoside

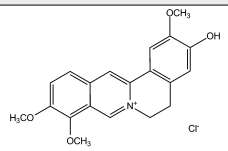
Isoxanthohumol		Product # 89234
	CAS #	[70872-29-6]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_5$ / 354.40 g/mol
	Synonyms	–

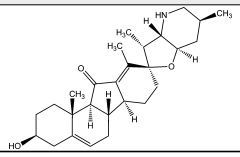
Jaceosidin		Product # 80786
	CAS #	[18085-97-7]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_7$ / 330.29 g/mol
	Synonyms	4'-Demethyleupatilin; 6-Hydroxyluteolin 3',6-dimethyl ether; 6-Methoxyluteolin 3'-methyl ether; 4',5,7-Trihydroxy 3',6-dimethoxyflavone

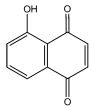
Jacobine		Product # 83434
	CAS #	[6870-67-3]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_6$ / 351.39 g/mol
	Synonyms	–

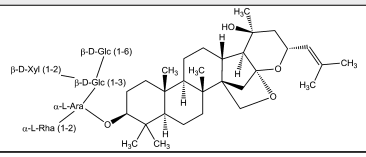
Jacobine N-oxide		Product # 83435
	CAS #	[38710-25-7]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_7$ / 367.39 g/mol
	Synonyms	–

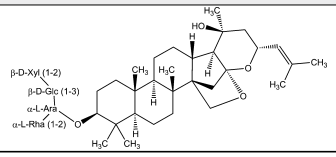
If your substance is missing please check our alphabetical index of synonyms on page 156.

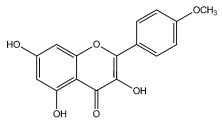
Jatorrhizine chloride		Product # 89530
	CAS #	[6681-15-8]
	Molecular formula / Molecular weight	$C_{20}H_{20}NO_4Cl$ / 373.84 g/mol
	Synonyms	Neprotine chloride; Yatrorhizine chloride

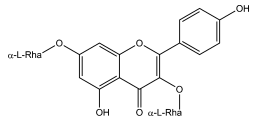
Jervine		Product # 83515
	CAS #	[469-59-0]
	Molecular formula / Molecular weight	$C_{27}H_{39}NO_3$ / 425.61 g/mol
	Synonyms	–

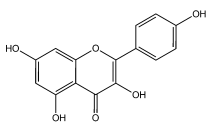
Juglone		Product # 80231
	CAS #	[481-39-0]
	Molecular formula / Molecular weight	$C_{10}H_6O_3$ / 174.16 g/mol
	Synonyms	5-Hydroxy 1,4-naphthoquinone; Nucin; Regianin

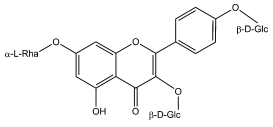
Jujuboside A		Product # 89719
	CAS #	[55466-04-1]
	Molecular formula / Molecular weight	$C_{58}H_{94}O_{26}$ / 1207.37 g/mol
	Synonyms	–

Jujuboside B		Product # 89720
	CAS #	[55466-05-2]
	Molecular formula / Molecular weight	$C_{52}H_{84}O_{21}$ / 1045.23 g/mol
	Synonyms	–

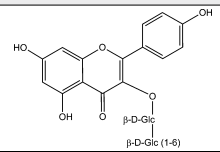
Kaempferide		Product # 82572
	CAS #	[491-54-3]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_6$ / 300.27 g/mol
	Synonyms	5,7-Dihydroxy 4'-methoxyflavonol; Kaempferol 4'-methyl ether; 4'-Methoxykaempferol; 4'-Methylkaempferol; 3,5,7-Trihydroxy 4'-methoxyflavone

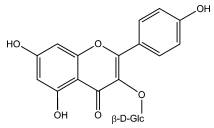
Kaempferitrin		Product # 83280
	CAS #	[482-38-2]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{14}$ / 578.53 g/mol
	Synonyms	Kaempferol 3,7-di-O-α-L-rhamnoside; Lespedin; Lespenephryl; 3,4',5,7-Tetrahydroxyflavone 3,7-dirhamnoside

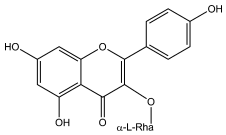
Kaempferol		Product # 89235
	CAS #	[520-18-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_6$ / 286.24 g/mol
	Synonyms	3'-Deoxyquercetin; Kampcetin; Nimbecetin; Pelargidenolon; Pelarginedon; Populnetin; Rhamnolutein; Robigenin; Swartziol; 3,4',5,7-Tetrahydroxyflavone; Trifolitin; 4',5,7-Trihydroxyflavonol

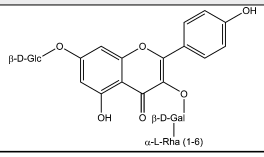
Kaempferol 3,4'-diglucoside 7-rhamnoside		Product # 89236
	CAS #	[1131009-93-2]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{20}$ / 756.67 g/mol
	Synonyms	–

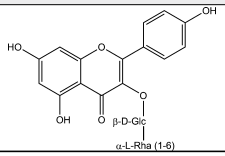
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

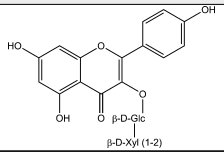
Kaempferol 3-gentiobioside		Product # 84228
	CAS #	[22149-35-5]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{16}$ / 610.52 g/mol
	Synonyms	3,4',5,7-Tetrahydroxyflavone 3-gentiobioside

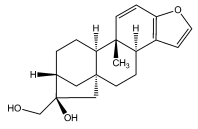
Kaempferol 3-glucoside		Product # 89237
	CAS #	[480-10-4]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	Astragalin; 3-Glucosylkaempferol; 3,4',5,7-Tetrahydroxyflavone 3-glucoside

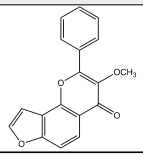
Kaempferol 3-rhamnoside		Product # 83864
	CAS #	[482-39-3]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Afzelin; Afzeloside; Kaempferin; 3,4',5,7-Tetrahydroxyflavone 3-rhamnoside

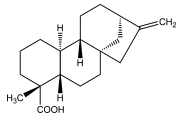
Kaempferol 3-robinoside 7-glucoside		Product # 83516
	CAS #	[114924-89-9]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{20}$ / 756.67 g/mol
	Synonyms	–

Kaempferol 3-rutinoside		Product # 80700
	CAS #	[17650-84-9]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.52 g/mol
	Synonyms	Nicotifiorin; Nicotiflorin; Nicotifloroside; 3,4',5,7-Tetrahydroxyflavone 3-rutinoside

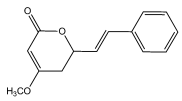
Kaempferol 3-sambubioside		Product # 83517
	CAS #	[27661-51-4]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{15}$ / 580.50 g/mol
	Synonyms	Leucoside

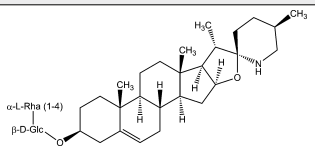
Kahweol		Product # 82293
	CAS #	[6894-43-5]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_3$ / 314.43 g/mol
	Synonyms	–

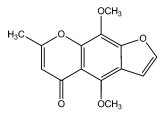
Karanjin		Product # 83865
	CAS #	[521-88-0]
	Molecular formula / Molecular weight	$C_{18}H_{12}O_4$ / 292.29 g/mol
	Synonyms	–

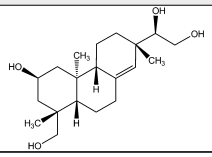
Kaurenoic acid		Product # 84229
	CAS #	[6730-83-2]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_2$ / 302.45 g/mol
	Synonyms	Cunabic acid

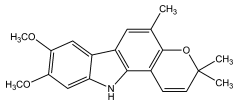
If your substance is missing please check our alphabetical index of synonyms on page 156.

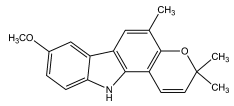
D,L-Kavain		Product # 89239
	CAS #	[3155-48-4]
	Molecular formula / Molecular weight	$C_{14}H_{14}O_3$ / 230.26 g/mol
	Synonyms	–

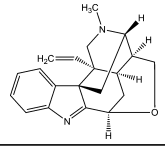
Khasianine		Product # 84230
	CAS #	[32449-98-2]
	Molecular formula / Molecular weight	$C_{39}H_{63}NO_{11}$ / 721.92 g/mol
	Synonyms	β2-Solamargine

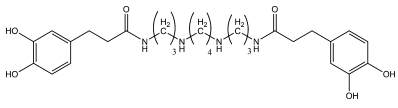
Khellin		Product # 89481
	CAS #	[82-02-0]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_5$ / 260.25 g/mol
	Synonyms	–

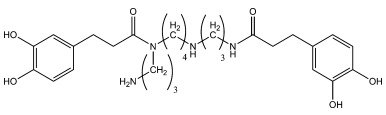
Kirenol		Product # 89835
	CAS #	[52659-56-0]
	Molecular formula / Molecular weight	$C_{20}H_{34}O_4$ / 338.49 g/mol
	Synonyms	–

Koenigicine		Product # 83518
	CAS #	[24123-92-0]
	Molecular formula / Molecular weight	$C_{20}H_{21}NO_3$ / 323.39 g/mol
	Synonyms	Kenidine; Kenigicine; Kenimbidine; Koenidine; Koenimbidine

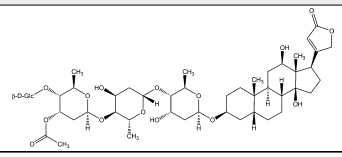
Koenimbine		Product # 83519
	CAS #	[21087-98-9]
	Molecular formula / Molecular weight	$C_{19}H_{19}NO_2$ / 293.37 g/mol
	Synonyms	Kenimbine

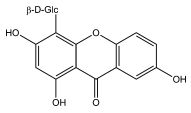
Koumine		Product # 84231
	CAS #	[1358-76-5]
	Molecular formula / Molecular weight	$C_{20}H_{22}N_2O$ / 306.40 g/mol
	Synonyms	–

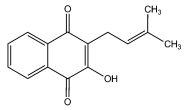
Kukoamine A		Product # 83866
	CAS #	[75288-96-9]
	Molecular formula / Molecular weight	$C_{28}H_{42}N_4O_6$ / 530.66 g/mol
	Synonyms	–

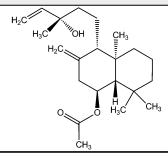
Kukoamine B		Product # 83867
	CAS #	[164991-67-7]
	Molecular formula / Molecular weight	$C_{28}H_{42}N_4O_6$ / 530.66 g/mol
	Synonyms	–

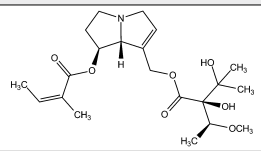
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

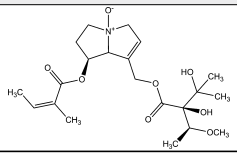
Lanatoside C		Product # 82573
	CAS #	[17575-22-3]
	Molecular formula / Molecular weight	$C_{49}H_{76}O_{20}$ / 985.13 g/mol
	Synonyms	Digilanide C; Digilanogen C; Isolanide; Lanatigen C

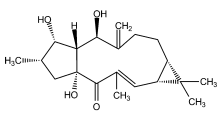
Lancerin		Product # 84232
	CAS #	[81991-99-3]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_{10}$ / 406.34 g/mol
	Synonyms	–

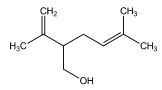
Lapachol		Product # 89521
	CAS #	[84-79-7]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_3$ / 242.28 g/mol
	Synonyms	–

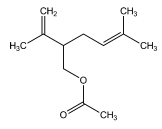
Larixyl acetate		Product # 89240
	CAS #	[4608-49-5]
	Molecular formula / Molecular weight	$C_{22}H_{36}O_3$ / 348.53 g/mol
	Synonyms	–

Lasiocarpine		Product # 80412
	CAS #	[303-34-4]
	Molecular formula / Molecular weight	$C_{21}H_{33}NO_7$ / 411.50 g/mol
	Synonyms	7-Angelyleuropine; Europine 7-angelate

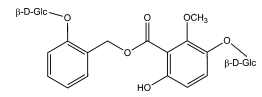
Lasiocarpine N-oxide		Product # 83220
	CAS #	[127-30-0]
	Molecular formula / Molecular weight	$C_{21}H_{33}NO_8$ / 427.50 g/mol
	Synonyms	–

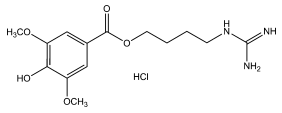
Lathyrol		Product # 80485
	CAS #	[34420-19-4]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_4$ / 334.46 g/mol
	Synonyms	–

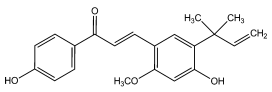
Lavandulol		Product # 80887
	CAS #	[58461-27-1]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	–

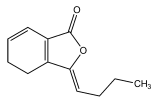
Lavandulyl acetate		Product # 80653
	CAS #	[25905-14-0]
	Molecular formula / Molecular weight	$C_{12}H_{20}O_2$ / 196.29 g/mol
	Synonyms	–

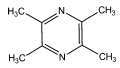
If your substance is missing please check our alphabetical index of synonyms on page 156.

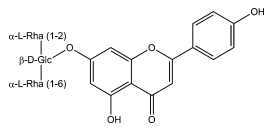
Leiocarposide		Product # 89241
	CAS #	[71953-77-0]
	Molecular formula / Molecular weight	$C_{27}H_{34}O_{16}$ / 614.56 g/mol
	Synonyms	–

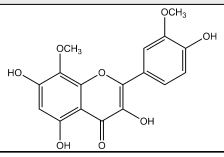
Leonurine hydrochloride		Product # 80598
	CAS #	[24735-18-0]
	Molecular formula / Molecular weight	$C_{14}H_{21}N_3O_5 \times HCl$ / 347.80 g/mol
	Synonyms	–

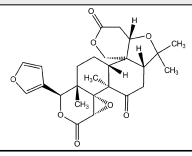
Licochalcone A		Product # 80486
	CAS #	[58749-22-7]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_4$ / 338.40 g/mol
	Synonyms	–

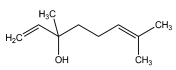
Z-Ligustilide		Product # 89242
	CAS #	[81944-09-4]
	Molecular formula / Molecular weight	$C_{12}H_{14}O_2$ / 190.24 g/mol
	Synonyms	cis-Ligustilide

Ligustrazine		Product # 82574
	CAS #	[1124-11-4]
	Molecular formula / Molecular weight	$C_8H_{12}N_2$ / 136.20 g/mol
	Synonyms	Chuanxingzine; Tetramethylpyrazine; Tetrapyrazine

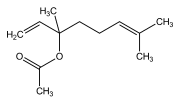
Ligustroflavone		Product # 83520
	CAS #	[260413-62-5]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{18}$ / 724.67 g/mol
	Synonyms	Nuezhenoside

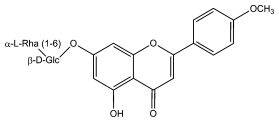
Limocitrin		Product # 83868
	CAS #	[489-33-8]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_8$ / 346.29 g/mol
	Synonyms	Gossypetin 3',8-dimethyl ether; 8-Methoxyisorhamnetin; Sedoflorigenin; 3,4',5,7-Tetrahydroxy 3',8-dimethoxyflavone

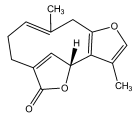
Limonin		Product # 89379
	CAS #	[1180-71-8]
	Molecular formula / Molecular weight	$C_{26}H_{30}O_8$ / 470.52 g/mol
	Synonyms	Citrolimonin; Dictamnolactone; Evodin; Obaculactone

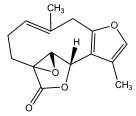
Linalool		Product # 80885
	CAS #	[78-70-6]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	Linalol; Linalyl alcohol; Linanool

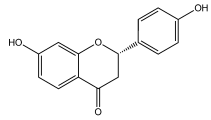
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

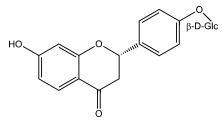
Linalyl acetate		Product # 89243
	CAS #	[115-95-7]
	Molecular formula / Molecular weight	$C_{12}H_{20}O_2$ / 196.29 g/mol
	Synonyms	Bergamol; Linalool acetate

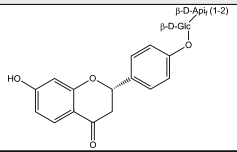
Linarin		Product # 80822
	CAS #	[480-36-4]
	Molecular formula / Molecular weight	$C_{28}H_{32}O_{14}$ / 592.55 g/mol
	Synonyms	Acacetin 7-O-rutinoside; Acaciin; Buddleoflavonoloside; Buddleoside; 5,7-Dihydroxy 4'-methoxyflavone 7-rutinoside; Linarigenin glycoside

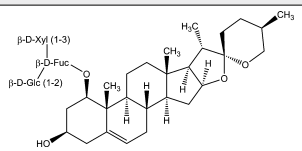
Linderalactone		Product # 80488
	CAS #	[728-61-0]
	Molecular formula / Molecular weight	$C_{15}H_{16}O_3$ / 244.29 g/mol
	Synonyms	–

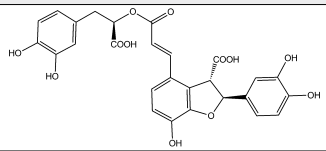
Linderane		Product # 80489
	CAS #	[13476-25-0]
	Molecular formula / Molecular weight	$C_{15}H_{16}O_4$ / 260.29 g/mol
	Synonyms	–

Liquiritigenin		Product # 89543
	CAS #	[578-86-9]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_4$ / 256.26 g/mol
	Synonyms	4',7-Dihydroxyflavanone

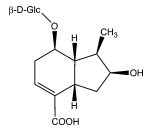
Liquiritin		Product # 80490
	CAS #	[551-15-5]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_9$ / 418.40 g/mol
	Synonyms	4',7-Dihydroxyflavanone 4'-glucoside; Liquiritoside

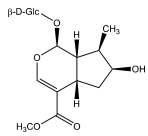
Liquiritin apioside		Product # 84233
	CAS #	[74639-14-8]
	Molecular formula / Molecular weight	$C_{26}H_{30}O_{13}$ / 550.51 g/mol
	Synonyms	4',7-Dihydroxyflavanone 4'-apiosylglucoside; Liquiritigenin 4'-apiosylglucoside

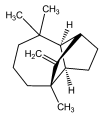
Liriope muscari Saponin C		Product # 83869
	CAS #	[130551-41-6]
	Molecular formula / Molecular weight	$C_{44}H_{70}O_{17}$ / 871.02 g/mol
	Synonyms	–

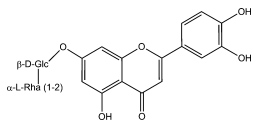
Lithospermic acid		Product # 80491
	CAS #	[28831-65-4]
	Molecular formula / Molecular weight	$C_{27}H_{22}O_{12}$ / 538.47 g/mol
	Synonyms	Lithospermic acid A

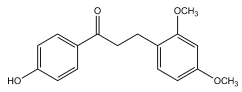
If your substance is missing please check our alphabetical index of synonyms on page 156.

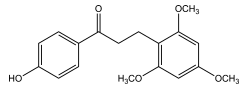
Loganic acid		Product # 80492
	CAS #	[22255-40-9]
	Molecular formula / Molecular weight	$C_{16}H_{24}O_{10}$ / 376.36 g/mol
	Synonyms	–

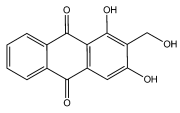
Loganin		Product # 89721
	CAS #	[18524-94-2]
	Molecular formula / Molecular weight	$C_{17}H_{26}O_{10}$ / 390.39 g/mol
	Synonyms	7-Hydroxy 6-desoxyverbenalin; Loganoside

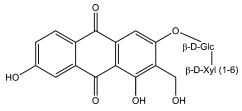
(+)-Longifolene		Product # 82581
	CAS #	[475-20-7]
	Molecular formula / Molecular weight	$C_{15}H_{24}$ / 204.36 g/mol
	Synonyms	Junipene; Kuromatsuene

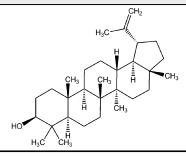
Lonicerin		Product # 84234
	CAS #	[25694-72-8]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.52 g/mol
	Synonyms	Loniceroside; Luteolin 7-neohesperidoside; 3',4',5,7-Tetrahydroxyflavone 7-neohesperidoside; Veronicastroside

Loureirin A		Product # 83870
	CAS #	[119425-89-7]
	Molecular formula / Molecular weight	$C_{17}H_{18}O_4$ / 286.32 g/mol
	Synonyms	4'-Hydroxy 2,4-dimethoxydihydrochalcone

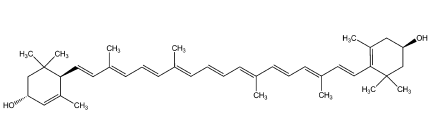
Loureirin B		Product # 84235
	CAS #	[119425-90-0]
	Molecular formula / Molecular weight	$C_{18}H_{20}O_5$ / 316.35 g/mol
	Synonyms	4'-Hydroxy 2,4,6-trimethoxydihydrochalcone

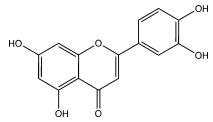
Lucidin		Product # 89244
	CAS #	[478-08-0]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_5$ / 270.24 g/mol
	Synonyms	1,3-Dihydroxy 2-(hydroxymethyl)anthraquinone; Henine

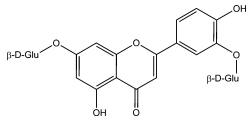
Lucidin 3-primeveroside		Product # 83871
	CAS #	[29706-59-0]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.49 g/mol
	Synonyms	Ophiohayatone B

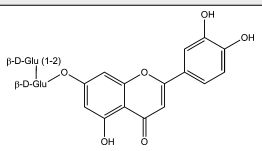
Lupeol		Product # 89722
	CAS #	[545-47-1]
	Molecular formula / Molecular weight	$C_{30}H_{50}O$ / 426.73 g/mol
	Synonyms	Clerodol; Fagarasterol; Lupenol; Monogynol B; β-Viscol

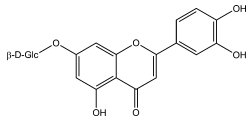
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

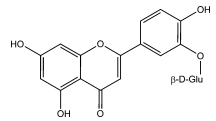
Lutein		Product # 89723
	CAS #	[127-40-2]
	Molecular formula / Molecular weight	$C_{40}H_{56}O_2$ / 568.89 g/mol
	Synonyms	–

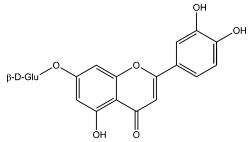
Luteolin		Product # 89245
	CAS #	[491-70-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_6$ / 286.24 g/mol
	Synonyms	Cyanidenon; Digitoflavone; Luteolol; 3',4',5,7-Tetrahydroxyflavone

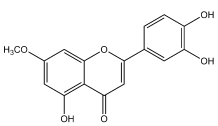
Luteolin 3',7-di-O-glucuronide		Product # 89246
	CAS #	[53965-08-5]
	Molecular formula / Molecular weight	$C_{27}H_{26}O_{18}$ / 638.49 g/mol
	Synonyms	3',4',5,7-Tetrahydroxyflavone 3',7-diglucuronide

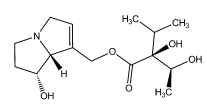
Luteolin 7-diglucuronide		Product # 83412
	CAS #	[96400-45-2]
	Molecular formula / Molecular weight	$C_{27}H_{26}O_{18}$ / 638.49 g/mol
	Synonyms	3',4',5,7-Tetrahydroxyflavone 7-diglucuronide

Luteolin 7-glucoside		Product # 89724
	CAS #	[5373-11-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	Cynaroside; Glucoluteolin; Glucosylluteolin; Luteoloside; Nephrocizine; 3',4',5,7-Tetrahydroxyflavone 7-glucoside

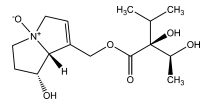
Luteolin 3'-glucuronide		Product # 84271
	CAS #	[53527-42-7]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{12}$ / 462.36 g/mol
	Synonyms	3',4',5,7-Tetrahydroxyflavone 3'-glucuronide

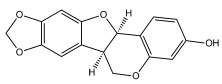
Luteolin 7-glucuronide		Product # 83521
	CAS #	[29741-10-4]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{12}$ / 462.37 g/mol
	Synonyms	Cyanidenon 7-glucuronide; 3',4',5,7-Tetrahydroxyflavone 7-glucuronide

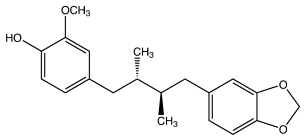
Luteolin 7-methyl ether		Product # 83264
	CAS #	[20243-59-8]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_6$ / 300.27 g/mol
	Synonyms	3'-Hydroxygenkwanin; 7-O-Methylluteolin; 3',4',5-Trihydroxy 7-methoxyflavone

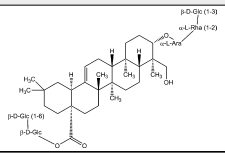
Lycopsamine		Product # 89726
	CAS #	[10285-07-1]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_5$ / 299.37 g/mol
	Synonyms	Retronecine 9-(-)-viridiflorate

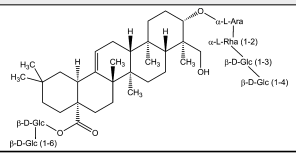
If your substance is missing please check our alphabetical index of synonyms on page 156.

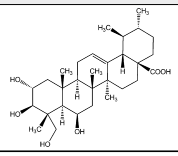
Lycopsamine N-oxide		Product # 83447
	CAS #	[95462-15-0]
	Molecular formula / Molecular weight	$C_{15}H_{25}NO_6$ / 315.36 g/mol
	Synonyms	–

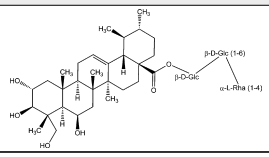
(-)-Maackiain		Product # 83103
	CAS #	[2035-15-6]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	Inermine; Trifolirhizin aglycone

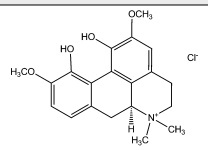
Macelignan		Product # 83522
	CAS #	[107534-93-0]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_4$ / 328.41 g/mol
	Synonyms	Anwulignan

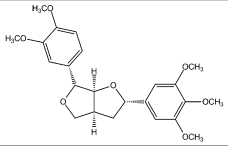
Macranthoidin A		Product # 83872
	CAS #	[140360-29-8]
	Molecular formula / Molecular weight	$C_{59}H_{96}O_{27}$ / 1237.38 g/mol
	Synonyms	Giganteaside J; Giganteoside J

Macranthoidin B		Product # 83523
	CAS #	[136849-88-2]
	Molecular formula / Molecular weight	$C_{65}H_{106}O_{32}$ / 1399.54 g/mol
	Synonyms	Macranthoiside I

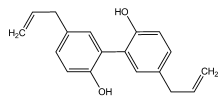
Madecassic acid		Product # 80229
	CAS #	[18449-41-7]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_6$ / 504.71 g/mol
	Synonyms	Brahmic acid; 6β-Hydroxyasiatic acid

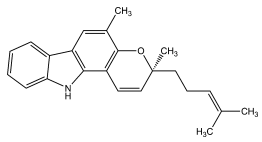
Madecassoside		Product # 80230
	CAS #	[34540-22-2]
	Molecular formula / Molecular weight	$C_{48}H_{78}O_{20}$ / 975.14 g/mol
	Synonyms	Asiaticoside A

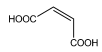
Magnoflorine chloride		Product # 80493
	CAS #	[6681-18-1]
	Molecular formula / Molecular weight	$C_{20}H_{24}NO_4Cl$ / 377.87 g/mol
	Synonyms	Corytuberine methochloride; Escholine chloride; Thalictrine chloride

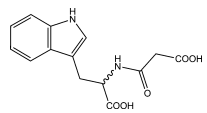
Magnolin		Product # 83319
	CAS #	[31008-18-1]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_7$ / 416.47 g/mol
	Synonyms	Medioresinol dimethyl ether

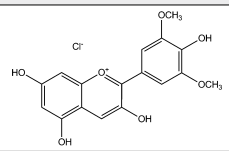
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

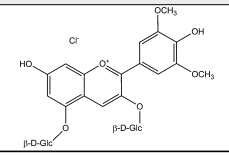
Magnolol		Product # 89317
	CAS #	[528-43-8]
	Molecular formula / Molecular weight	$C_{18}H_{18}O_2$ / 266.34 g/mol
	Synonyms	2,2'-Bichavicol

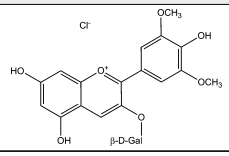
Mahanimbine		Product # 83524
	CAS #	[21104-28-9]
	Molecular formula / Molecular weight	$C_{23}H_{25}NO$ / 331.46 g/mol
	Synonyms	–

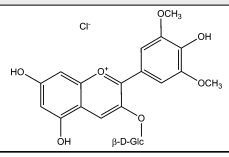
Maleic acid		Product # 80142
	CAS #	[110-16-7]
	Molecular formula / Molecular weight	$C_4H_4O_4$ / 116.07 g/mol
	Synonyms	cis-2-Butenedioic acid

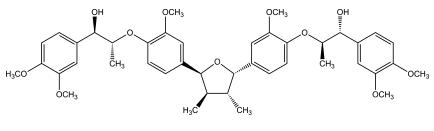
N-Malonyl DL-tryptophan		Product # 80494
	CAS #	[3184-74-5 (D)] [29399-11-9 (L)]
	Molecular formula / Molecular weight	$C_{14}H_{14}N_2O_5$ / 290.28 g/mol
	Synonyms	–

Malvidin chloride		Product # 80083
	CAS #	[643-84-5]
	Molecular formula / Molecular weight	$C_{17}H_{15}O_7Cl$ / 366.76 g/mol
	Synonyms	Oenidin chloride; Primulidin chloride; Syringidin chloride; 3,4',5,7-Tetrahydroxy 3',5'-dimethoxyflavylium chloride

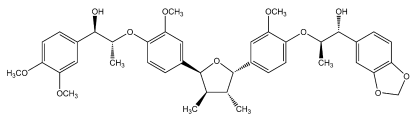
Malvidin 3,5-diglucoside chloride		Product # 89727
	CAS #	[16727-30-3]
	Molecular formula / Molecular weight	$C_{29}H_{35}O_{17}Cl$ / 691.04 g/mol
	Synonyms	Malvin chloride

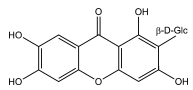
Malvidin 3-galactoside chloride		Product # 80600
	CAS #	[30113-37-2]
	Molecular formula / Molecular weight	$C_{23}H_{25}O_{12}Cl$ / 528.90 g/mol
	Synonyms	Arthanitin chloride; Primulin chloride

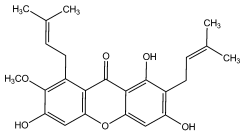
Malvidin 3-glucoside chloride		Product # 89728
	CAS #	[7228-78-6]
	Molecular formula / Molecular weight	$C_{23}H_{25}O_{12}Cl$ / 528.90 g/mol
	Synonyms	Oenin chloride

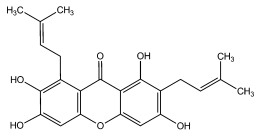
Manassantin A		Product # 83243
	CAS #	[88497-87-4]
	Molecular formula / Molecular weight	$C_{42}H_{52}O_{11}$ / 732.87 g/mol
	Synonyms	Saucernetin A

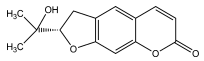
If your substance is missing please check our alphabetical index of synonyms on page 156.

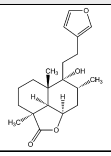
Manassantin B		**Product # 83244**
	CAS #	[88497-88-5]
	Molecular formula / Molecular weight	$C_{41}H_{48}O_{11}$ / 716.83 g/mol
	Synonyms	Saucernetin B

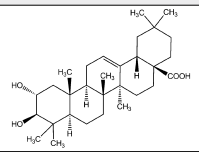
Mangiferin		**Product # 89729**
	CAS #	[4773-96-0]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_{11}$ / 422.35 g/mol
	Synonyms	Alpizarin; Aphloiol; Chinomin; Chinonin; Hedysarid; Shamimin; 1,3,6,7-Tetrahydroxyxanthone 2-C-glucoside

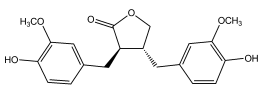
Mangostin		**Product # 89247**
	CAS #	[6147-11-1]
	Molecular formula / Molecular weight	$C_{24}H_{26}O_6$ / 410.47 g/mol
	Synonyms	α-Mangostin

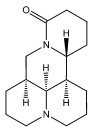
γ-Mangostin		**Product # 80496**
	CAS #	[31271-07-5]
	Molecular formula / Molecular weight	$C_{23}H_{24}O_6$ / 396.44 g/mol
	Synonyms	Demethylmangostin; Normangostin

(+)-Marmesin		**Product # 84236**
	CAS #	[13849-08-6]
	Molecular formula / Molecular weight	$C_{14}H_{14}O_4$ / 246.26 g/mol
	Synonyms	–

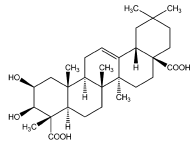
Marrubiin		**Product # 89830**
	CAS #	[465-92-9]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_4$ / 332.44 g/mol
	Synonyms	Marrubin

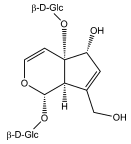
Maslinic acid		**Product # 83209**
	CAS #	[4373-41-5]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_4$ / 472.71 g/mol
	Synonyms	Crategolic acid; 2α-Hydroxyoleanolic acid

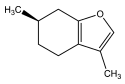
(-)-Matairesinol		**Product # 80497**
	CAS #	[580-72-3]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_6$ / 358.39 g/mol
	Synonyms	–

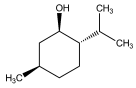
Matrine		**Product # 89730**
	CAS #	[519-02-8]
	Molecular formula / Molecular weight	$C_{15}H_{24}N_2O$ / 248.37 g/mol
	Synonyms	Matridin 15-one

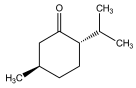
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

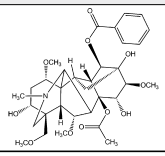
Medicagenic acid		Product # 83289
	CAS #	[599-07-5]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_6$ / 502.69 g/mol
	Synonyms	Castanogenin

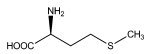
Melittoside		Product # 84237
	CAS #	[19467-03-9]
	Molecular formula / Molecular weight	$C_{21}H_{32}O_{15}$ / 524.47 g/mol
	Synonyms	–

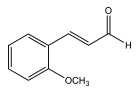
(+)-Menthofuran		Product # 82584
	CAS #	[17957-94-7]
	Molecular formula / Molecular weight	$C_{10}H_{14}O$ / 150.22 g/mol
	Synonyms	–

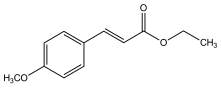
(-)-Menthol		Product # 89517
	CAS #	[2216-51-5]
	Molecular formula / Molecular weight	$C_{10}H_{20}O$ / 156.27 g/mol
	Synonyms	Levomenthol

(-)-Menthone		Product # 82241
	CAS #	[14073-97-3]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	–

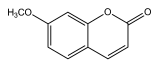
Mesaconitine		Product # 89731
	CAS #	[2752-64-9]
	Molecular formula / Molecular weight	$C_{33}H_{45}NO_{11}$ / 631.72 g/mol
	Synonyms	–

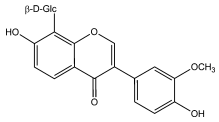
L-Methionine		Product # 82585
	CAS #	[63-68-3]
	Molecular formula / Molecular weight	$C_5H_{11}NO_2S$ / 149.21 g/mol
	Synonyms	–

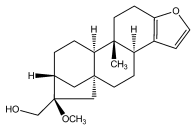
2-Methoxycinnamaldehyde		Product # 83155
	CAS #	[1504-74-1]
	Molecular formula / Molecular weight	$C_{10}H_{10}O_2$ / 162.19 g/mol
	Synonyms	o-Methoxycinnamic aldehyde

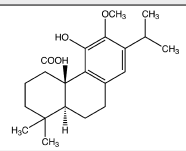
trans-p-Methoxycinnamic acid ethyl ester		Product # 89732
	CAS #	[24393-56-4]
	Molecular formula / Molecular weight	$C_{12}H_{14}O_3$ / 206.24 g/mol
	Synonyms	Ethyl p-methoxycinnamate

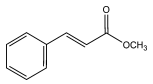
If your substance is missing please check our alphabetical index of synonyms on page 156.

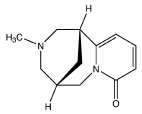
7-Methoxycoumarin		Product # 89733
	CAS #	[531-59-9]
	Molecular formula / Molecular weight	$C_{10}H_8O_3$ / 176.17 g/mol
	Synonyms	Ayapanin; Herniarin; Methylumbelliferone; Umbelliferone methyl ether

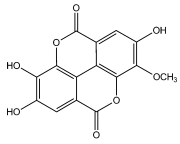
3'-Methoxypuerarin		Product # 84238
	CAS #	[117047-07-1]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{10}$ / 446.40 g/mol
	Synonyms	4',7-Dihydroxy 3'-methoxyisoflavone 8-C-glucoside

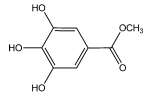
16-O-Methylcafestol		Product # 89734
	CAS #	[108214-28-4]
	Molecular formula / Molecular weight	$C_{21}H_{30}O_3$ / 330.47 g/mol
	Synonyms	–

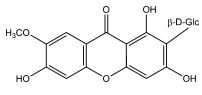
12-O-Methylcarnosic acid		Product # 83416
	CAS #	[62201-71-2]
	Molecular formula / Molecular weight	$C_{21}H_{30}O_4$ / 346.47 g/mol
	Synonyms	Carnosic acid 12-methyl ether; 12-Methoxycarnosic acid

Methyl trans-cinnamate		Product # 80350
	CAS #	[1754-62-7]
	Molecular formula / Molecular weight	$C_{10}H_{10}O_2$ / 162.19 g/mol
	Synonyms	trans-Cinnamic acid methyl ester

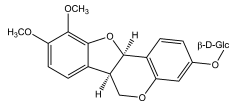
N-Methylcytisine		Product # 83219
	CAS #	[486-86-2]
	Molecular formula / Molecular weight	$C_{12}H_{16}N_2O$ / 204.27 g/mol
	Synonyms	Caulophylline

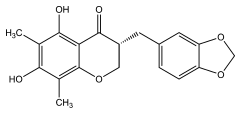
3-Methyl ellagic acid		Product # 82590
	CAS #	[51768-38-8]
	Molecular formula / Molecular weight	$C_{15}H_8O_8$ / 316.22 g/mol
	Synonyms	–

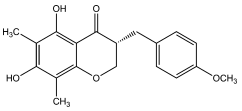
Methyl gallate		Product # 82592
	CAS #	[99-24-1]
	Molecular formula / Molecular weight	$C_8H_8O_5$ / 184.15 g/mol
	Synonyms	Gallic acid methyl ester; Methyl 3,4,5-trihydroxybenzoate; 3,4,5-Trihydroxybenzoic acid methyl ester

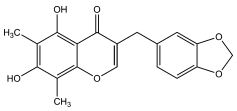
7-O-Methylmangiferin		Product # 84239
	CAS #	[31002-12-7]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_{11}$ / 436.37 g/mol
	Synonyms	1,3,6-Trihydroxy 7-methoxyxanthone 2-C-glucoside

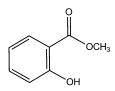
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

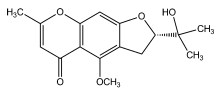
9-O-Methylnissolin 3-O-glucoside		Product # 83873
	CAS #	[94367-42-7]
	Molecular formula / Molecular weight	$C_{23}H_{26}O_{10}$ / 462.45 g/mol
	Synonyms	9,10-Dimethoxypterocarpan 3-glucoside

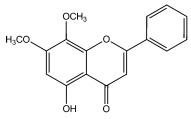
Methylophiopogonanone A		Product # 84060
	CAS #	[74805-92-8]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_6$ / 342.34 g/mol
	Synonyms	–

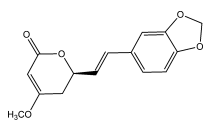
Methylophiopogonanone B		Product # 84057
	CAS #	[74805-91-7]
	Molecular formula / Molecular weight	$C_{19}H_{20}O_5$ / 328.36 g/mol
	Synonyms	–

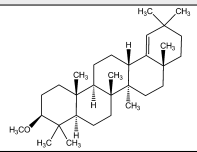
Methylophiopogonone A		Product # 83874
	CAS #	[74805-90-6]
	Molecular formula / Molecular weight	$C_{19}H_{16}O_6$ / 340.33 g/mol
	Synonyms	–

Methyl salicylate		Product # 82239
	CAS #	[119-36-8]
	Molecular formula / Molecular weight	$C_8H_8O_3$ / 152.15 g/mol
	Synonyms	2-Hydroxybenzoic acid methyl ester; Methyl o-hydroxybenzoate; Salicylic acid methyl ester

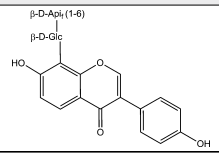
5-O-Methylvisamminol		Product # 80604
	CAS #	[80681-42-1]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_5$ / 290.32 g/mol
	Synonyms	–

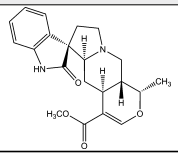
7-O-Methylwogonin		Product # 82598
	CAS #	[3570-62-5]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_5$ / 298.30 g/mol
	Synonyms	7,8-Dimethoxynorwogonin; 5-Hydroxy 7,8-dimethoxyflavone; Moslosooflavone; Wogonin 7-methyl ether

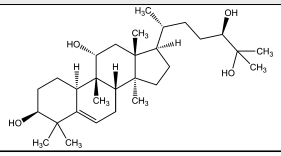
Methysticin		Product # 89250
	CAS #	[495-85-2]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_5$ / 274.27 g/mol
	Synonyms	Kavahin; Kavatin

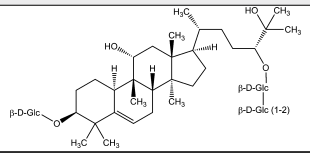
Miliacin		Product # 82261
	CAS #	[5945-45-9]
	Molecular formula / Molecular weight	$C_{31}H_{52}O$ / 440.76 g/mol
	Synonyms	–

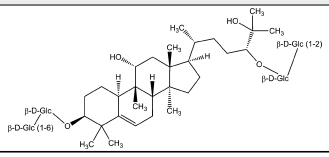
If your substance is missing please check our alphabetical index of synonyms on page 156.

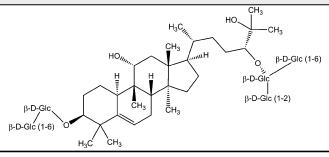
Mirificin		**Product # 84240**
	CAS #	[103654-50-8]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{13}$ / 548.49 g/mol
	Synonyms	4',7-Dihydroxyisoflavone 8-C-(6''-apiosylglucoside); Puerarin apioside

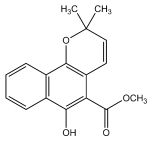
Mitraphylline		**Product # 89736**
	CAS #	[509-80-8]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_4$ / 368.43 g/mol
	Synonyms	Ajmalicine oxindole B; Rubradinine

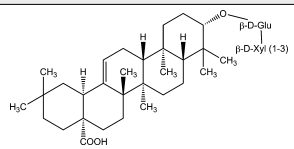
Mogrol		**Product # 84241**
	CAS #	[88930-15-8]
	Molecular formula / Molecular weight	$C_{30}H_{52}O_4$ / 476.73 g/mol
	Synonyms	–

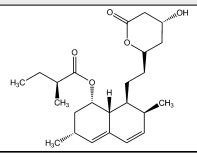
Mogroside III-E		**Product # 83875**
	CAS #	[88901-37-5]
	Molecular formula / Molecular weight	$C_{48}H_{82}O_{19}$ / 963.15 g/mol
	Synonyms	–

Mogroside IV		**Product # 82599**
	CAS #	[89590-95-4]
	Molecular formula / Molecular weight	$C_{54}H_{92}O_{24}$ / 1125.31 g/mol
	Synonyms	–

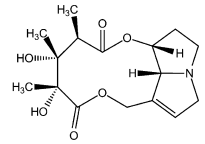
Mogroside V		**Product # 80498**
	CAS #	[88901-36-4]
	Molecular formula / Molecular weight	$C_{60}H_{102}O_{29}$ / 1287.46 g/mol
	Synonyms	–

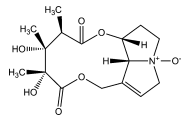
Mollugin		**Product # 80499**
	CAS #	[55481-88-4]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_4$ / 284.31 g/mol
	Synonyms	Rubimaillin

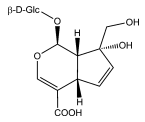
Momordin Ic		**Product # 83281**
	CAS #	[96990-18-0]
	Molecular formula / Molecular weight	$C_{41}H_{64}O_{13}$ / 764.95 g/mol
	Synonyms	–

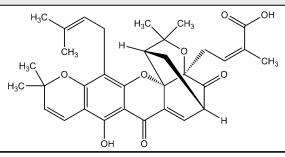
Monacolin K		**Product # 80307**
	CAS #	[75330-75-5]
	Molecular formula / Molecular weight	$C_{24}H_{36}O_5$ / 404.55 g/mol
	Synonyms	Lovastatin; Mevinolin

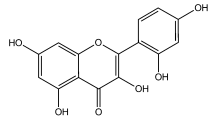
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

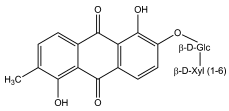
Monocrotaline		Product # 89251
	CAS #	[315-22-0]
	Molecular formula / Molecular weight	$C_{16}H_{23}NO_6$ / 325.36 g/mol
	Synonyms	–

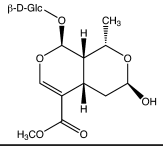
Monocrotaline N-oxide		Product # 82629
	CAS #	[35337-98-5]
	Molecular formula / Molecular weight	$C_{16}H_{23}NO_7$ / 341.36 g/mol
	Synonyms	–

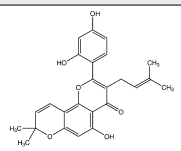
Monotropein		Product # 80500
	CAS #	[5945-50-6]
	Molecular formula / Molecular weight	$C_{16}H_{22}O_{11}$ / 390.34 g/mol
	Synonyms	–

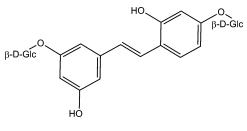
Morellic acid		Product # 83876
	CAS #	[5304-71-2]
	Molecular formula / Molecular weight	$C_{33}H_{36}O_8$ / 560.63 g/mol
	Synonyms	–

Morin		Product # 82601
	CAS #	[480-16-0]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_7$ / 302.24 g/mol
	Synonyms	2'-Hydroxypelargidenolon 1522; 2',3,4',5,7-Pentahydroxyflavone; 2',4',5,7-Tetrahydroxyflavonol

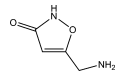
Morindin		Product # 83245
	CAS #	[60450-21-7]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.50 g/mol
	Synonyms	Morindone 3-O-β-primeveroside

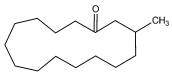
Morroniside		Product # 82602
	CAS #	[25406-64-8]
	Molecular formula / Molecular weight	$C_{17}H_{26}O_{11}$ / 406.39 g/mol
	Synonyms	–

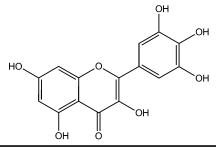
Morusin		Product # 83525
	CAS #	[62596-29-6]
	Molecular formula / Molecular weight	$C_{25}H_{24}O_6$ / 420.46 g/mol
	Synonyms	Mulberrochromene

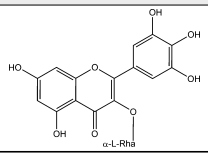
Mulberroside A		Product # 80501
	CAS #	[102841-42-9]
	Molecular formula / Molecular weight	$C_{26}H_{32}O_{14}$ / 568.53 g/mol
	Synonyms	–

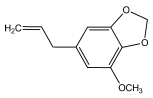
If your substance is missing please check our alphabetical index of synonyms on page 156.

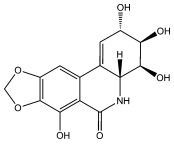
Muscimol		Product # 89495
	CAS #	[2763-96-4]
	Molecular formula / Molecular weight	$C_4H_6N_2O_2$ / 114.10 g/mol
	Synonyms	Agarine; Pantherine

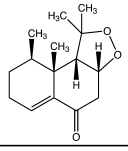
Muscone		Product # 89737
	CAS #	[541-91-3]
	Molecular formula / Molecular weight	$C_{16}H_{30}O$ / 238.42 g/mol
	Synonyms	3-Methylcyclopentadecanone; Moschus ketone

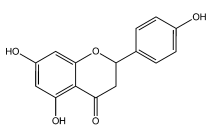
Myricetin		Product # 89252
	CAS #	[529-44-2]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_8$ / 318.24 g/mol
	Synonyms	Cannabiscetin; 3,3',4',5,5',7-Hexahydroxyflavone; Myricetol

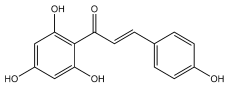
Myricitrin		Product # 80209
	CAS #	[17912-87-7]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{12}$ / 464.38 g/mol
	Synonyms	3,3',4',5,5',7-Hexahydroxyflavone 3-rhamnoside; Myricetin 3-rhamnoside; Myricitroside

Myristicine		Product # 80886
	CAS #	[607-91-0]
	Molecular formula / Molecular weight	$C_{11}H_{12}O_3$ / 192.22 g/mol
	Synonyms	–

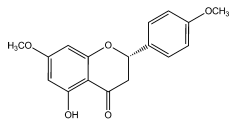
Narciclasine		Product # 82604
	CAS #	[29477-83-6]
	Molecular formula / Molecular weight	$C_{14}H_{13}NO_7$ / 307.26 g/mol
	Synonyms	Lycoricidinol

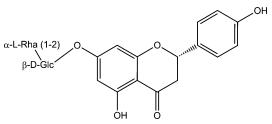
Nardosinone		Product # 83526
	CAS #	[23720-80-1]
	Molecular formula / Molecular weight	$C_{15}H_{22}O_3$ / 250.34 g/mol
	Synonyms	–

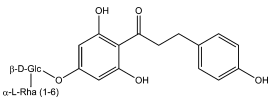
Naringenin		Product # 89738
	CAS #	[67604-48-2]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_5$ / 272.26 g/mol
	Synonyms	4',5,7-Trihydroxyflavanone

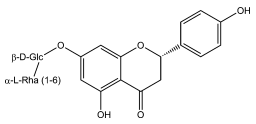
Naringenin chalcone		Product # 83877
	CAS #	[25515-46-2]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_5$ / 272.25 g/mol
	Synonyms	Chalconaringenin; Chalcononaringenin; Isosalipurpol; trans-2',4,4',6'-Tetrahydroxychalcone

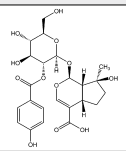
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

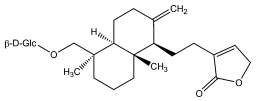
Naringenin 4',7-dimethylether		Product # 82605
	CAS #	[29424-96-2]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_5$ / 300.31 g/mol
	Synonyms	5-Hydroxy 4',7-dimethoxyflavanone; Sakuranetin 4'-methyl ether

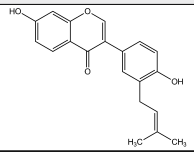
Naringin		Product # 89739
	CAS #	[10236-47-2]
	Molecular formula / Molecular weight	$C_{27}H_{32}O_{14}$ / 580.54 g/mol
	Synonyms	Naringenin 7-neohesperidoside; Naringenin 7-rhamnoglucoside; Naringoside; 4',5,7-Trihydroxy-flavanone 7-neohesperidoside; 4',5,7-Trihydroxyflavanone 7-rhamnoglucoside

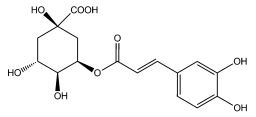
Naringin dihydrochalcone		Product # 83338
	CAS #	[18916-17-1]
	Molecular formula / Molecular weight	$C_{27}H_{34}O_{14}$ / 582.56 g/mol
	Synonyms	–

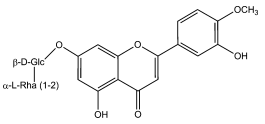
Narirutin		Product # 83339
	CAS #	[14259-46-2]
	Molecular formula / Molecular weight	$C_{27}H_{32}O_{14}$ / 580.54 g/mol
	Synonyms	Isonaringin; Naringenin 7-rutinoside; 4',5,7-Trihydroxyflavanone 7-rutinoside

Negundoside		Product # 83259
	CAS #	[82451-20-5]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_{12}$ / 496.47 g/mol
	Synonyms	–

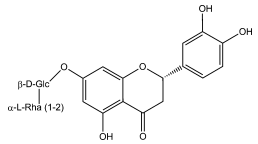
Neoandrographolide		Product # 89740
	CAS #	[27215-14-1]
	Molecular formula / Molecular weight	$C_{26}H_{40}O_8$ / 480.60 g/mol
	Synonyms	–

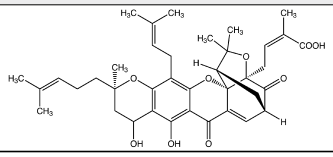
Neobavaisoflavone		Product # 83295
	CAS #	[41060-15-5]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_4$ / 322.36 g/mol
	Synonyms	–

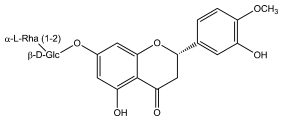
Neochlorogenic acid		Product # 80504
	CAS #	[906-33-2]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_9$ / 354.31 g/mol
	Synonyms	3-Caffeoylquinic acid (IUPAC); 5-Caffeoylquinic acid (CAS)

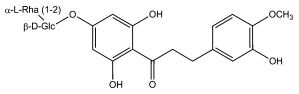
Neodiosmin		Product # 84129
	CAS #	[38665-01-9]
	Molecular formula / Molecular weight	$C_{28}H_{32}O_{15}$ / 608.54 g/mol
	Synonyms	Diosmetin 7-neohesperidoside; 3',5,7-Trihydroxy 4'-methoxyflavone 7-neohesperidoside

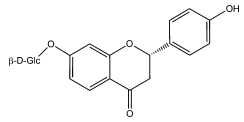
If your substance is missing please check our alphabetical index of synonyms on page 156.

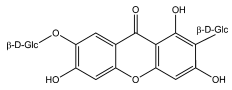
Neoeriocitrin		Product # 84242
	CAS #	[13241-32-2]
	Molecular formula / Molecular weight	$C_{27}H_{32}O_{15}$ / 596.53 g/mol
	Synonyms	Eriodictyol 7-neohesperidoside; 3',4',5,7-Tetrahydroxyflavanone 7-neohesperidoside

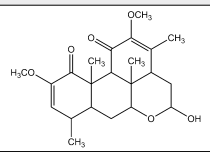
Neogambogic acid		Product # 83527
	CAS #	[93772-31-7]
	Molecular formula / Molecular weight	$C_{38}H_{46}O_9$ / 646.78 g/mol
	Synonyms	–

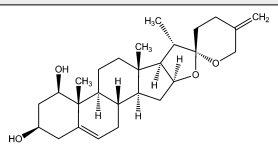
Neohesperidin		Product # 89741
	CAS #	[13241-33-3]
	Molecular formula / Molecular weight	$C_{28}H_{34}O_{15}$ / 610.57 g/mol
	Synonyms	Hesperetin 7-neohesperidoside; Hesperetin 7-rhamnoglucoside; 3',5,7-Trihydroxy 4'-methoxyflavanone 7-neohesperidoside; 3',5,7-Trihydroxy 4'-methoxyflavanone 7-rhamnoglucoside

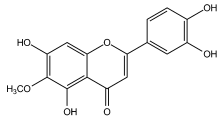
Neohesperidin dihydrochalcone		Product # 82289
	CAS #	[20702-77-6]
	Molecular formula / Molecular weight	$C_{28}H_{36}O_{15}$ / 612.59 g/mol
	Synonyms	–

Neoliquiritin		Product # 84243
	CAS #	[5088-75-5]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_9$ / 418.39 g/mol
	Synonyms	4',7-Dihydroxyflavanone 7-glucoside; Liquiritigenin 7-glucoside

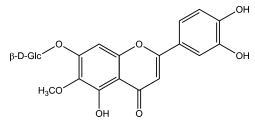
Neomangiferin		Product # 80505
	CAS #	[64809-67-2]
	Molecular formula / Molecular weight	$C_{25}H_{28}O_{16}$ / 584.49 g/mol
	Synonyms	–

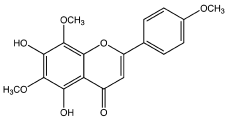
Neoquassin		Product # 83573
	CAS #	[76-77-7]
	Molecular formula / Molecular weight	$C_{22}H_{30}O_6$ / 390.47 g/mol
	Synonyms	Nigakihemiacetal B; Simalikahemiacetal A

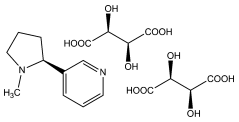
Neoruscogenin		Product # 89253
	CAS #	[17676-33-4]
	Molecular formula / Molecular weight	$C_{27}H_{40}O_4$ / 428.61 g/mol
	Synonyms	25(27)-Dehydroruscogenin

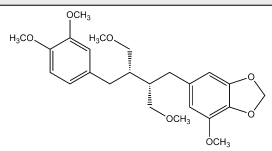
Nepetin		Product # 83327
	CAS #	[520-11-6]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_7$ / 316.27 g/mol
	Synonyms	Eupafolin; 6-Methoxyluteolin; 3',4',5,7-Tetrahydroxy 6-methoxyflavone

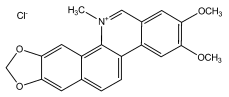
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

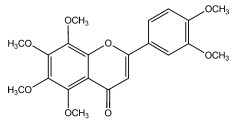
Nepetin 7-glucoside		Product # 83306
	CAS #	[569-90-4]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{12}$ / 478.41 g/mol
	Synonyms	Eupafolin 7-O-β-glucoside; 6-Methoxyluteolin 7-glucoside; Nepetrin; Nepitrin; 3',4',5,7-Tetrahydroxy 6-methoxyflavone 7-β-D-glucoside

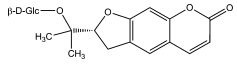
Nevadensin		Product # 83365
	CAS #	[10176-66-6]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	5,7-Dihydroxy 4',6,8-trimethoxyflavone; Pedunculin

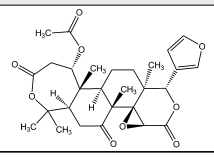
Nicotine ditartrate		Product # 80224
	CAS #	[65-31-6]
	Molecular formula / Molecular weight	$C_{10}H_{14}N_2 \times 2\ C_4H_6O_6$ / 462.41 g/mol
	Synonyms	–

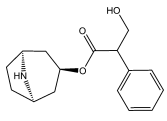
Niranthin		Product # 83879
	CAS #	[50656-77-4]
	Molecular formula / Molecular weight	$C_{24}H_{32}O_7$ / 432.51 g/mol
	Synonyms	–

Nitidine chloride		Product # 80506
	CAS #	[13063-04-2]
	Molecular formula / Molecular weight	$C_{21}H_{18}NO_4Cl$ / 383.83 g/mol
	Synonyms	–

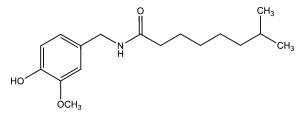
Nobiletin		Product # 80858
	CAS #	[478-01-3]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_8$ / 402.40 g/mol
	Synonyms	3',4',5,6,7,8-Hexamethoxyflavone

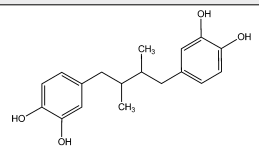
Nodakenin		Product # 82608
	CAS #	[495-31-8]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_9$ / 408.41 g/mol
	Synonyms	(+)-Marmesinin; Nodakenetin β-D-glucopyranoside

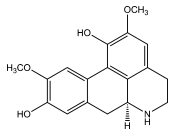
Nomilin		Product # 80507
	CAS #	[1063-77-0]
	Molecular formula / Molecular weight	$C_{28}H_{34}O_9$ / 514.57 g/mol
	Synonyms	–

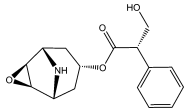
Noratropine		Product # 84107
	CAS #	[16839-98-8]
	Molecular formula / Molecular weight	$C_{16}H_{21}NO_3$ / 275.34 g/mol
	Synonyms	N-Demethylatropine

If your substance is missing please check our alphabetical index of synonyms on page 156.

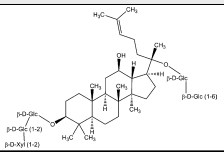
Nordihydrocapsaicin		Product # 89254
	CAS #	[28789-35-7]
	Molecular formula / Molecular weight	$C_{17}H_{27}NO_3$ / 293.41 g/mol
	Synonyms	7-Methyl N-vanillyloctanamide

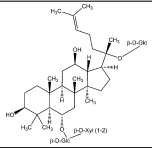
Nordihydroguaiaretic acid		Product # 82880
	CAS #	[500-38-9]
	Molecular formula / Molecular weight	$C_{18}H_{22}O_4$ / 302.37 g/mol
	Synonyms	NDGA

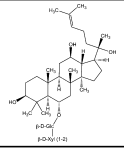
Norisoboldine		Product # 83266
	CAS #	[23599-69-1]
	Molecular formula / Molecular weight	$C_{18}H_{19}NO_4$ / 313.35 g/mol
	Synonyms	Laurelliptine

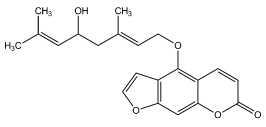
Norscopolamine		Product # 84109
	CAS #	[4684-28-0]
	Molecular formula / Molecular weight	$C_{16}H_{19}NO_4$ / 289.33 g/mol
	Synonyms	Norhyoscine

Nortropinone hydrochloride		Product # 84089
	CAS #	[25602-68-0]
	Molecular formula / Molecular weight	$C_7H_{11}NO \times HCl$ / 161.63 g/mol
	Synonyms	Desmethyltropinone hydrochloride

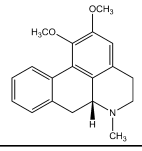
Notoginsenoside Fa		Product # 84244
	CAS #	[88100-04-3]
	Molecular formula / Molecular weight	$C_{59}H_{100}O_{27}$ / 1241.41 g/mol
	Synonyms	–

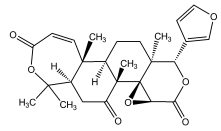
Notoginsenoside R1		Product # 89743
	CAS #	[80418-24-2]
	Molecular formula / Molecular weight	$C_{47}H_{80}O_{18}$ / 933.14 g/mol
	Synonyms	Sanchinoside R1; Sanqi glucoside R1

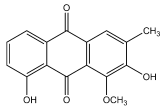
Notoginsenoside R2		Product # 84245
	CAS #	[80418-25-3]
	Molecular formula / Molecular weight	$C_{41}H_{70}O_{13}$ / 770.99 g/mol
	Synonyms	Ginsenoside Ng-R2

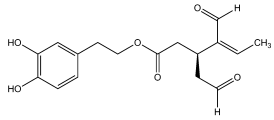
Notopterol		Product # 83320
	CAS #	[88206-46-6]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_5$ / 354.40 g/mol
	Synonyms	–

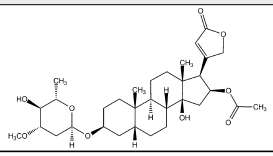
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

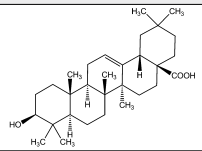
Nuciferine		Product # 83282
	CAS #	[475-83-2]
	Molecular formula / Molecular weight	$C_{19}H_{21}NO_2$ / 295.38 g/mol
	Synonyms	1,2-Dimethoxy 6aβ-aporphine; Sanjoinine E

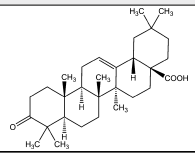
Obacunone		Product # 80509
	CAS #	[751-03-1]
	Molecular formula / Molecular weight	$C_{26}H_{30}O_7$ / 454.52 g/mol
	Synonyms	Obacunoic acid 3,4-lactone; Tricoccin S3

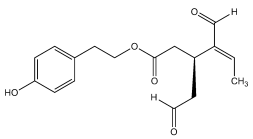
Obtusifolin		Product # 83880
	CAS #	[477-85-0]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.26 g/mol
	Synonyms	–

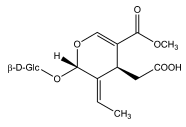
Oleacein		Product # 83881
	CAS #	[149183-75-5]
	Molecular formula / Molecular weight	$C_{17}H_{20}O_6$ / 320.34 g/mol
	Synonyms	–

Oleandrin		Product # 89744
	CAS #	[465-16-7]
	Molecular formula / Molecular weight	$C_{32}H_{48}O_9$ / 576.73 g/mol
	Synonyms	Corrigen; Foliandrin; Folinerin; Neriol; Neriolin; Neriostene

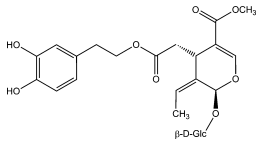
Oleanolic acid		Product # 89383
	CAS #	[508-02-1]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	Astrantiagenin C; Caryophyllin; Giganteumgenin C; Gledigenin 1; Virgaureagenin B

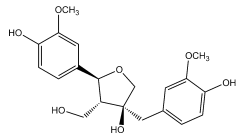
Oleanonic acid		Product # 84246
	CAS #	[17990-42-0]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_3$ / 454.68 g/mol
	Synonyms	3-Ketooleanolic acid; 3-Oxooleanolic acid

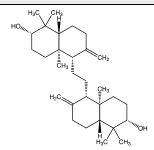
Oleocanthal		Product # 83882
	CAS #	[289030-99-5]
	Molecular formula / Molecular weight	$C_{17}H_{20}O_5$ / 304.34 g/mol
	Synonyms	–

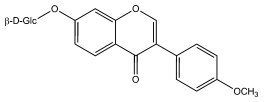
Oleoside 11-methyl ester		Product # 89652
	CAS #	[60539-23-3]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{11}$ / 404.37 g/mol
	Synonyms	Methyloleoside

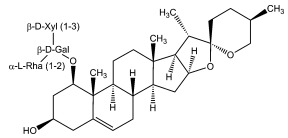
If your substance is missing please check our alphabetical index of synonyms on page 156.

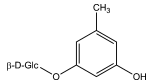
Oleuropein		Product # 89338
	CAS #	[32619-42-4]
	Molecular formula / Molecular weight	$C_{25}H_{32}O_{13}$ / 540.52 g/mol
	Synonyms	–

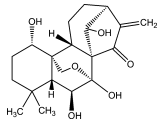
(-)-Olivil		Product # 83883
	CAS #	[2955-23-9]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_7$ / 376.40 g/mol
	Synonyms	–

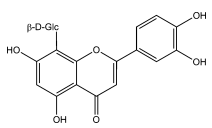
α-Onocerin		Product # 83528
	CAS #	[511-01-3]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_2$ / 442.73 g/mol
	Synonyms	–

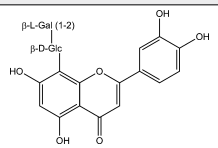
Ononin		Product # 82359
	CAS #	[486-62-4]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_9$ / 430.41 g/mol
	Synonyms	Formononetin 7-glucoside; 7-Hydroxy 4'-methoxyisoflavone 7-glucoside; Ononoside

Ophiopogonin D		Product # 82614
	CAS #	[945619-74-9]
	Molecular formula / Molecular weight	$C_{44}H_{70}O_{16}$ / 855.03 g/mol
	Synonyms	Deacetylophiopogonin C

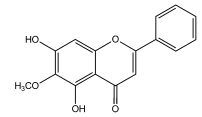
Orcinol β-D-glucoside		Product # 83267
	CAS #	[21082-33-7]
	Molecular formula / Molecular weight	$C_{13}H_{18}O_7$ / 286.28 g/mol
	Synonyms	1-O-β-D-Glucosylorcinol; Sakakin

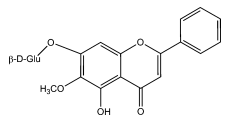
Oridonin		Product # 89745
	CAS #	[28957-04-2]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_6$ / 364.44 g/mol
	Synonyms	Isodonol

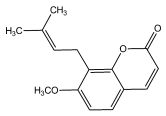
Orientin		Product # 89746
	CAS #	[28608-75-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	Luteolin 8-C-glucoside; Lutexin; 3',4',5,7-Tetrahydroxyflavone 8-C-glucoside

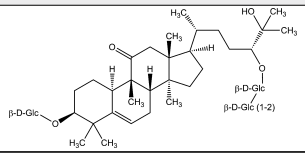
Orientin 2''-galactoside		Product # 83529
	CAS #	[861691-37-4]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{16}$ / 610.53 g/mol
	Synonyms	2''-O-Galactosylorientin

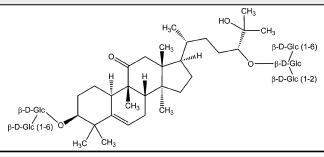
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

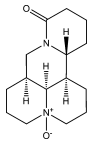
Oroxylin A		Product # 82615
	CAS #	[480-11-5]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	Baicalein 6-methyl ether; 5,7-Dihydroxy 6-methoxyflavone; 6-Methoxybaicalein

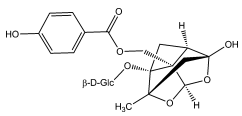
Oroxylin A 7-glucuronide		Product # 84247
	CAS #	[36948-76-2]
	Molecular formula / Molecular weight	$C_{22}H_{20}O_{11}$ / 460.39 g/mol
	Synonyms	5,7-Dihydroxy 6-methoxyflavone 7-glucuronide; 6-Methoxybaicalein 7-glucuronide; Oroxyloside

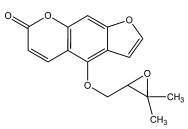
Osthole		Product # 89747
	CAS #	[484-12-8]
	Molecular formula / Molecular weight	$C_{15}H_{16}O_3$ / 244.29 g/mol
	Synonyms	7-Methoxy 8-isopentenylcoumarin

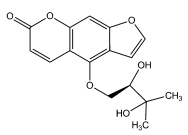
11-Oxomogroside III-E		Product # 84248
	CAS #	[2096516-68-4]
	Molecular formula / Molecular weight	$C_{48}H_{80}O_{19}$ / 961.14 g/mol
	Synonyms	–

11-Oxomogroside V		Product # 80899
	CAS #	[126105-11-1]
	Molecular formula / Molecular weight	$C_{60}H_{100}O_{29}$ / 1285.44 g/mol
	Synonyms	–

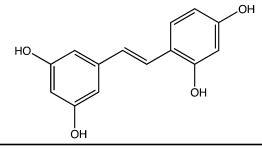
Oxymatrine		Product # 89748
	CAS #	[16837-52-8]
	Molecular formula / Molecular weight	$C_{15}H_{24}N_2O_2$ / 264.37 g/mol
	Synonyms	Ammothamnine; Matridin 15-one 1-oxide; Matrine N-oxide

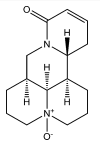
Oxypaeoniflorin		Product # 80608
	CAS #	[39011-91-1]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_{12}$ / 496.47 g/mol
	Synonyms	–

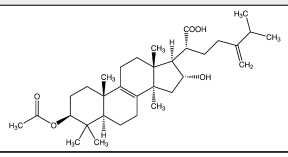
Oxypeucedanin		Product # 89876
	CAS #	[737-52-0]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_5$ / 286.28 g/mol
	Synonyms	–

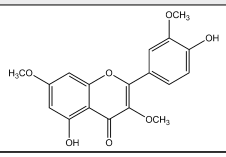
Oxypeucedanin hydrate		Product # 80907
	CAS #	[2643-85-8]
	Molecular formula / Molecular weight	$C_{16}H_{16}O_6$ / 304.30 g/mol
	Synonyms	Aviprin; Hydroxypeucedanin hydrate; Prangol; Prangolarin hydrate

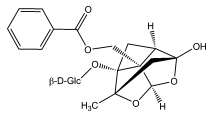
If your substance is missing please check our alphabetical index of synonyms on page 156.

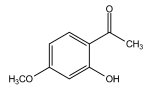
trans-Oxyresveratrol		Product # 83530
	CAS #	[29700-22-9]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_4$ / 244.25 g/mol
	Synonyms	trans-2',3,4',5-Stilbenetetrol; trans-2,3',4,5'-Tetrahydroxystilbene

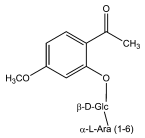
Oxysophocarpine		Product # 80511
	CAS #	[26904-64-3]
	Molecular formula / Molecular weight	$C_{15}H_{22}N_2O_2$ / 262.35 g/mol
	Synonyms	Sophocarpidine; Sophocarpine N-oxide

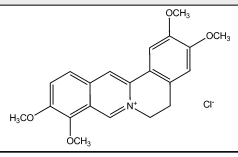
Pachymic acid		Product # 80512
	CAS #	[29070-92-6]
	Molecular formula / Molecular weight	$C_{33}H_{52}O_5$ / 528.78 g/mol
	Synonyms	Acetyltumulosic acid

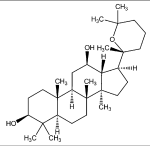
Pachypodol		Product # 83821
	CAS #	[33708-72-4]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	4',5-Dihydroxy 3,3',7-trimethoxyflavone; Isorhamnetin 3,7-dimethyl ether; Quercetin 3,3',7-trimethyl ether; 3,3',7-Trimethylquercetin

Paeoniflorin		Product # 89384
	CAS #	[23180-57-6]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_{11}$ / 480.47 g/mol
	Synonyms	–

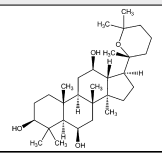
Paeonol		Product # 89749
	CAS #	[552-41-0]
	Molecular formula / Molecular weight	$C_9H_{10}O_3$ / 166.18 g/mol
	Synonyms	2'-Hydroxy 4'-methoxyacetophenone; Resacetophenone 4-O-methyl ether

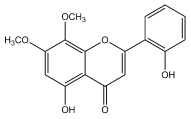
Paeonolide		Product # 84249
	CAS #	[72520-92-4]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_{12}$ / 460.43 g/mol
	Synonyms	–

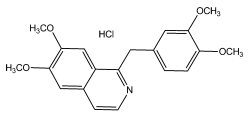
Palmatine chloride		Product # 89490
	CAS #	[10605-02-4]
	Molecular formula / Molecular weight	$C_{21}H_{22}NO_4Cl$ / 387.86 g/mol
	Synonyms	Fibrauretin chloride

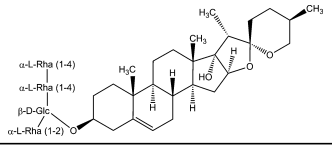
Panaxadiol		Product # 89750
	CAS #	[19666-76-3]
	Molecular formula / Molecular weight	$C_{30}H_{52}O_3$ / 460.74 g/mol
	Synonyms	–

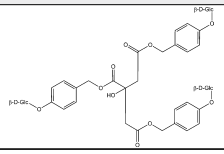
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

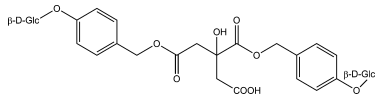
Panaxatriol		Product # 89751
	CAS #	[32791-84-7]
	Molecular formula / Molecular weight	$C_{30}H_{52}O_4$ / 476.74 g/mol
	Synonyms	–

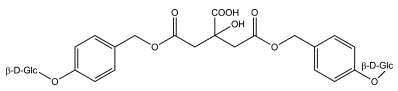
Panicolin		Product # 83884
	CAS #	[41060-16-6]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_6$ / 314.29 g/mol
	Synonyms	2',5-Dihydroxy 7,8-dimethoxyflavone; Skullcapflavone I

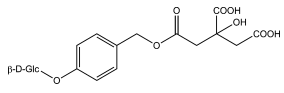
Papaverine hydrochloride		Product # 82620
	CAS #	[61-25-6]
	Molecular formula / Molecular weight	$C_{20}H_{21}NO_4 \times HCl$ / 375.85 g/mol
	Synonyms	–

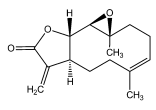
Paris VII		Product # 83226
	CAS #	[68124-04-9]
	Molecular formula / Molecular weight	$C_{51}H_{82}O_{21}$ / 1031.20 g/mol
	Synonyms	Chonglouoside VII; Dioscinin; 17-Hydroxyparis II; Paris saponin VII; Pennogenin 3-O-rhamnosylchacotrioside; Saponin Tg

Parishin		Product # 83885
	CAS #	[62499-28-9]
	Molecular formula / Molecular weight	$C_{45}H_{56}O_{25}$ / 996.91 g/mol
	Synonyms	–

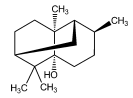
Parishin B		Product # 83886
	CAS #	[174972-79-3]
	Molecular formula / Molecular weight	$C_{32}H_{40}O_{19}$ / 728.65 g/mol
	Synonyms	–

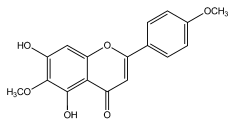
Parishin C		Product # 83887
	CAS #	[174972-80-6]
	Molecular formula / Molecular weight	$C_{32}H_{40}O_{19}$ / 728.65 g/mol
	Synonyms	–

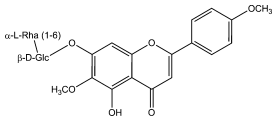
Parishin E		Product # 83888
	CAS #	[952068-57-4]
	Molecular formula / Molecular weight	$C_{19}H_{24}O_{13}$ / 460.39 g/mol
	Synonyms	–

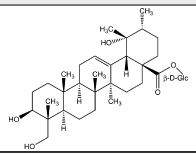
Parthenolide		Product # 89255
	CAS #	[20554-84-1]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_3$ / 248.32 g/mol
	Synonyms	–

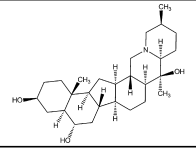
If your substance is missing please check our alphabetical index of synonyms on page 156.

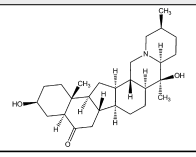
Patchouli alcohol		Product # 89752
	CAS #	[5986-55-0]
	Molecular formula / Molecular weight	$C_{15}H_{26}O$ / 222.37 g/mol
	Synonyms	Patchoulol

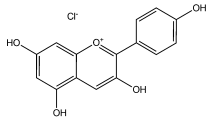
Pectolinarigenin		Product # 82621
	CAS #	[520-12-7]
	Molecular formula / Molecular weight	$C_{17}H_{14}O_6$ / 314.30 g/mol
	Synonyms	5,7-Dihydroxy 4',6-dimethoxyflavone; 4',6-Dimethoxyscutellarein; Hortensin; 6-Methoxyacacetin; 6-Methoxyapigenin 4'-methyl ether; 6-Methoxykaempferide; 6-Methoxy 4'-methylapigenin; 4'-Methylcapillarisin; Pectolarigenin; Scutellarein 4',6-dimethyl ether

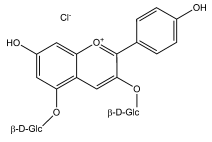
Pectolinarin		Product # 82622
	CAS #	[28978-02-1]
	Molecular formula / Molecular weight	$C_{29}H_{34}O_{15}$ / 622.58 g/mol
	Synonyms	5,7-Dihydroxy 4',6-dimethoxyflavone 7-rutinoside; Pectolinarigenin 7-rutinoside; Pectolinaroside

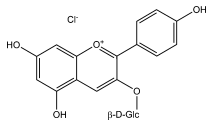
Pedunculoside		Product # 83889
	CAS #	[42719-32-4]
	Molecular formula / Molecular weight	$C_{36}H_{58}O_{10}$ / 650.84 g/mol
	Synonyms	Peduncloside

Peimine		Product # 89486
	CAS #	[23496-41-5]
	Molecular formula / Molecular weight	$C_{27}H_{45}NO_3$ / 431.66 g/mol
	Synonyms	Dihydroisoimperialine; Verticine

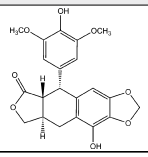
Peiminine		Product # 89533
	CAS #	[18059-10-4]
	Molecular formula / Molecular weight	$C_{27}H_{43}NO_3$ / 429.65 g/mol
	Synonyms	Fritillarine; Osnovanine; Raddeanine; Verticinone

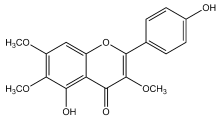
Pelargonidin chloride		Product # 80084
	CAS #	[134-04-3]
	Molecular formula / Molecular weight	$C_{15}H_{11}O_5Cl$ / 306.70 g/mol
	Synonyms	Pelargonidol chloride; 3,4',5,7-Tetrahydroxyflavylium chloride

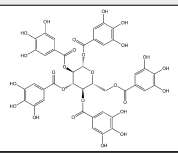
Pelargonidin 3,5-diglucoside chloride		Product # 80334
	CAS #	[17334-58-6]
	Molecular formula / Molecular weight	$C_{27}H_{31}O_{15}Cl$ / 630.99 g/mol
	Synonyms	Pelargonin chloride

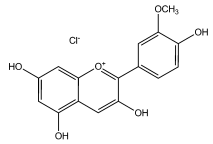
Pelargonidin 3-glucoside chloride		Product # 89753
	CAS #	[18466-51-8]
	Molecular formula / Molecular weight	$C_{21}H_{21}O_{10}Cl$ / 468.85 g/mol
	Synonyms	Callistephin chloride

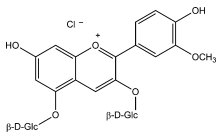
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

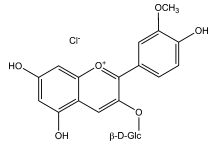
α-Peltatin		Product # 84075
	CAS #	[568-53-6]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_8$ / 400.38 g/mol
	Synonyms	–

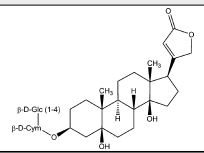
Penduletin		Product # 83890
	CAS #	[569-80-2]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	4',5-Dihydroxy 3,6,7-trimethoxyflavone; 6-Hydroxykaempferol 3,6,7-trimethyl ether

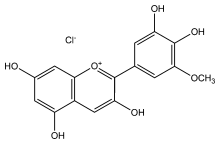
1,2,3,4,6-Pentagalloyl β-D-glucose		Product # 82752
	CAS #	[14937-32-7]
	Molecular formula / Molecular weight	$C_{41}H_{32}O_{26}$ / 940.69 g/mol
	Synonyms	Gallotannin 15

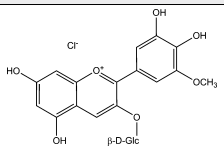
Peonidin chloride		Product # 80085
	CAS #	[134-01-0]
	Molecular formula / Molecular weight	$C_{16}H_{13}O_6Cl$ / 336.73 g/mol
	Synonyms	Paeonidin chloride; Peonidol chloride; 3,4',5,7-Tetrahydroxy 3'-methoxyflavylium chloride

Peonidin 3,5-diglucoside chloride		Product # 80335
	CAS #	[132-37-6]
	Molecular formula / Molecular weight	$C_{28}H_{33}O_{16}Cl$ / 661.01 g/mol
	Synonyms	Paeonin chloride; Peonin chloride

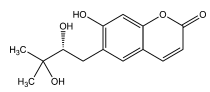
Peonidin 3-glucoside chloride		Product # 89754
	CAS #	[6906-39-4]
	Molecular formula / Molecular weight	$C_{22}H_{23}O_{11}Cl$ / 498.87 g/mol
	Synonyms	Glucopeonidin chloride

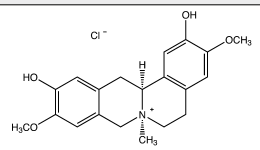
Periplocin		Product # 82623
	CAS #	[13137-64-9]
	Molecular formula / Molecular weight	$C_{36}H_{56}O_{13}$ / 696.82 g/mol
	Synonyms	Periplocoside

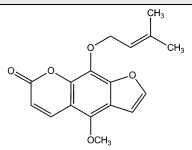
Petunidin chloride		Product # 80225
	CAS #	[1429-30-7]
	Molecular formula / Molecular weight	$C_{16}H_{13}O_7Cl$ / 352.72 g/mol
	Synonyms	3,3',4',5,7-Pentahydroxy 5'-methoxyflavylium chloride; Petunidol chloride

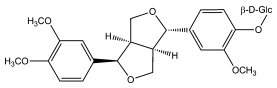
Petunidin 3-glucoside chloride		Product # 89755
	CAS #	[6988-81-4]
	Molecular formula / Molecular weight	$C_{22}H_{23}O_{12}Cl$ / 514.87 g/mol
	Synonyms	–

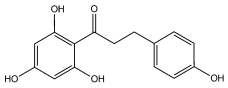
If your substance is missing please check our alphabetical index of synonyms on page 156.

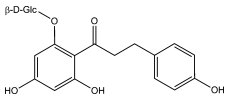
(+)-Peucedanol		Product # 84250
	CAS #	[20516-23-8]
	Molecular formula / Molecular weight	$C_{14}H_{16}O_5$ / 264.27 g/mol
	Synonyms	–

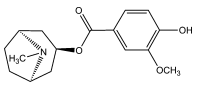
Phellodendrine chloride		Product # 83531
	CAS #	[104112-82-5]
	Molecular formula / Molecular weight	$C_{20}H_{24}NO_4Cl$ / 377.87 g/mol
	Synonyms	N-Methylcoreximine chloride

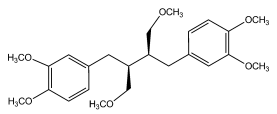
Phellopterin		Product # 80785
	CAS #	[2543-94-4]
	Molecular formula / Molecular weight	$C_{17}H_{16}O_5$ / 300.31 g/mol
	Synonyms	–

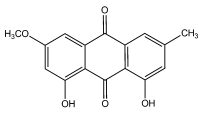
Phillyrin		Product # 89532
	CAS #	[487-41-2]
	Molecular formula / Molecular weight	$C_{27}H_{34}O_{11}$ / 534.56 g/mol
	Synonyms	Forsythin; Phillyroside; Phyllyrin

Phloretin		Product # 82624
	CAS #	[60-82-2]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_5$ / 274.27 g/mol
	Synonyms	Dihydronaringenin; Floretin; Naringenin dihydrochalcone; Phloretol

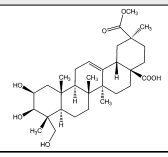
Phloridzin		Product # 80513
	CAS #	[60-81-1]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_{10}$ / 436.42 g/mol
	Synonyms	Floridzin; Phloretin 2'-glucoside; Phloridzosid; Phlorizin

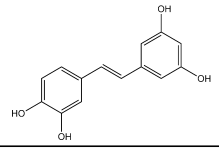
Phyllalbine		Product # 84098
	CAS #	[4540-25-4]
	Molecular formula / Molecular weight	$C_{16}H_{21}NO_4$ / 291.34 g/mol
	Synonyms	Vanilloyltropine

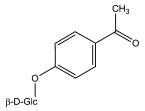
Phyllanthin		Product # 89756
	CAS #	[10351-88-9]
	Molecular formula / Molecular weight	$C_{24}H_{34}O_6$ / 418.53 g/mol
	Synonyms	–

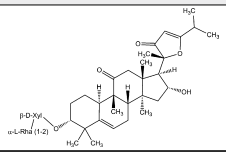
Physcion		Product # 89757
	CAS #	[521-61-9]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	1,8-Dihydroxy 6-methoxy 3-methylanthraquinone; Emodin 3-methyl ether; 6-Methoxy-chrysophanic acid; 6-O-Methylemodin; Parietin; Rheochrysidin

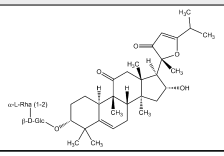
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

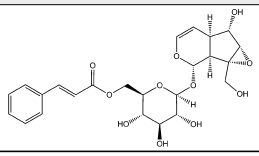
Phytolaccagenin		Product # 80614
	CAS #	[1802-12-6]
	Molecular formula / Molecular weight	$C_{31}H_{48}O_7$ / 532.72 g/mol
	Synonyms	Jaligonic acid 30-methyl ester

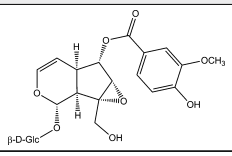
trans-Piceatannol		Product # 83891
	CAS #	[10083-24-6]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_4$ / 244.24 g/mol
	Synonyms	Astringenin; 3,3',4,5'-Stilbenetetrol; trans-3,3',4,5'-Tetrahydroxystilbene

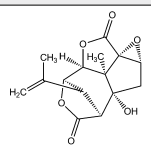
Picein		Product # 89883
	CAS #	[530-14-3]
	Molecular formula / Molecular weight	$C_{14}H_{18}O_7$ / 298.29 g/mol
	Synonyms	Ameliaroside; p-Hydroxyacetophenone D-glucoside; Piceoside; Salicinerein; Salinigrin

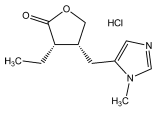
Picfeltarraenin IA		Product # 80514
	CAS #	[97230-47-2]
	Molecular formula / Molecular weight	$C_{41}H_{62}O_{13}$ / 762.92 g/mol
	Synonyms	–

Picfeltarraenin IB		Product # 83892
	CAS #	[97230-46-1]
	Molecular formula / Molecular weight	$C_{42}H_{64}O_{14}$ / 792.95 g/mol
	Synonyms	–

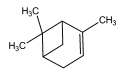
Picroside I		Product # 89758
	CAS #	[27409-30-9]
	Molecular formula / Molecular weight	$C_{24}H_{28}O_{11}$ / 492.48 g/mol
	Synonyms	6'-Cinnamoylcatalpol

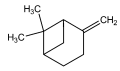
Picroside II		Product # 89759
	CAS #	[39012-20-9]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_{13}$ / 512.47 g/mol
	Synonyms	Amphicoside II; 6-Vanillylcatalpol

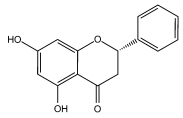
Picrotoxinin		Product # 80339
	CAS #	[17617-45-7]
	Molecular formula / Molecular weight	$C_{15}H_{16}O_6$ / 292.29 g/mol
	Synonyms	–

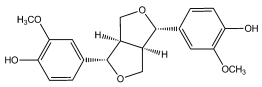
Pilocarpine hydrochloride		Product # 80370
	CAS #	[54-71-7]
	Molecular formula / Molecular weight	$C_{11}H_{16}N_2O_2 \times HCl$ / 244.72 g/mol
	Synonyms	–

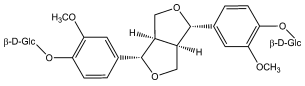
If your substance is missing please check our alphabetical index of synonyms on page 156.

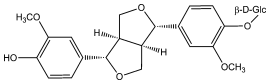
α-Pinene		Product # 89257
	CAS #	[80-56-8]
	Molecular formula / Molecular weight	$C_{10}H_{16}$ / 136.24 g/mol
	Synonyms	Acintene A; 2-Pinene; Sylvapine A

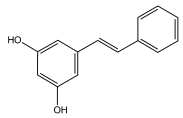
β-Pinene		Product # 89335
	CAS #	[127-91-3]
	Molecular formula / Molecular weight	$C_{10}H_{16}$ / 136.24 g/mol
	Synonyms	Nopinene; 2(10)-Pinene; Pseudopinene; Terebenthene

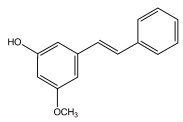
Pinocembrin		Product # 80061
	CAS #	[480-39-7]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_4$ / 256.26 g/mol
	Synonyms	Dihydrochrysin; 5,7-Dihydroxyflavanone; Galangin flavanone

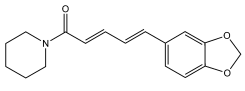
(+)-Pinoresinol		Product # 89525
	CAS #	[487-36-5]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_6$ / 358.39 g/mol
	Synonyms	–

Pinoresinol diglucoside		Product # 89850
	CAS #	[63902-38-5]
	Molecular formula / Molecular weight	$C_{32}H_{42}O_{16}$ / 682.68 g/mol
	Synonyms	–

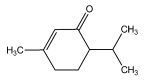
Pinoresinol 4-glucoside		Product # 84251
	CAS #	[69251-96-3]
	Molecular formula / Molecular weight	$C_{26}H_{32}O_{11}$ / 520.53 g/mol
	Synonyms	–

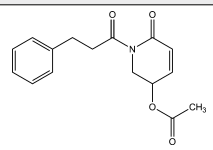
Pinosylvin		Product # 80516
	CAS #	[22139-77-1]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_2$ / 212.25 g/mol
	Synonyms	trans-3,5-Dihydroxystilbene; (E)-3,5-Stilbenediol

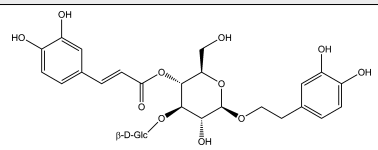
Pinosylvin monomethyl ether		Product # 80517
	CAS #	[35302-70-6]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_2$ / 226.28 g/mol
	Synonyms	(E)-3-Hydroxy 5-methoxystilbene; Pinosylvin 3-methyl ether

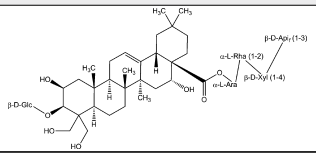
Piperine		Product # 89760
	CAS #	[94-62-2]
	Molecular formula / Molecular weight	$C_{17}H_{19}NO_3$ / 285.34 g/mol
	Synonyms	1-Piperoylpiperidine

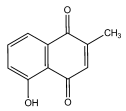
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

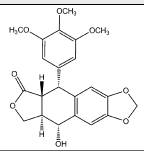
Piperitone		Product # 82627
	CAS #	[89-81-6]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	3-Carvomenthenone; p-Menth 1-ene 3-one

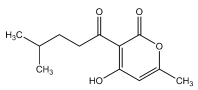
Pipermethystine		Product # 84054
	CAS #	[71627-22-0]
	Molecular formula / Molecular weight	$C_{16}H_{17}NO_4$ / 287.31 g/mol
	Synonyms	–

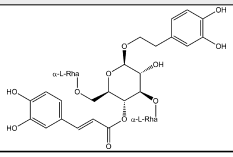
Plantamajoside		Product # 83304
	CAS #	[104777-68-6]
	Molecular formula / Molecular weight	$C_{29}H_{36}O_{16}$ / 640.60 g/mol
	Synonyms	Plantamoside; Purpureaside A

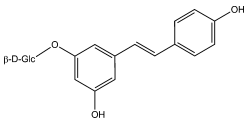
Platycodin D		Product # 80518
	CAS #	[58479-68-8]
	Molecular formula / Molecular weight	$C_{57}H_{92}O_{28}$ / 1225.34 g/mol
	Synonyms	–

Plumbagin		Product # 80267
	CAS #	[481-42-5]
	Molecular formula / Molecular weight	$C_{11}H_8O_3$ / 188.18 g/mol
	Synonyms	5-Hydroxy 2-methyl 1,4-naphthoquinone; 2-Methyljuglone

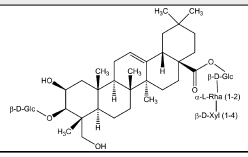
Podophyllotoxin		Product # 89523
	CAS #	[518-28-5]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_8$ / 414.41 g/mol
	Synonyms	–

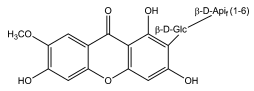
Pogostone		Product # 83893
	CAS #	[23800-56-8]
	Molecular formula / Molecular weight	$C_{12}H_{16}O_4$ / 224.25 g/mol
	Synonyms	Dhelwangin

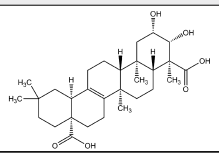
Poliumoside		Product # 83305
	CAS #	[94079-81-9]
	Molecular formula / Molecular weight	$C_{35}H_{46}O_{19}$ / 770.74 g/mol
	Synonyms	–

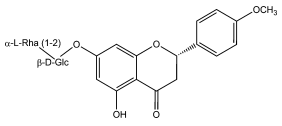
trans-Polydatin		Product # 89312
	CAS #	[27208-80-6]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_8$ / 390.39 g/mol
	Synonyms	trans-Piceid; trans-Resveratrol 3-β-D-glucoside; trans-3,4',5-Trihydroxystilbene 3-β-D-glucoside

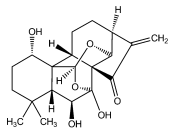
If your substance is missing please check our alphabetical index of synonyms on page 156.

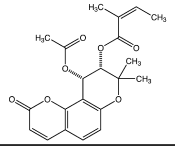
Polygalasaponin F		Product # 83894
	CAS #	[882664-74-6]
	Molecular formula / Molecular weight	$C_{53}H_{86}O_{23}$ / 1091.24 g/mol
	Synonyms	–

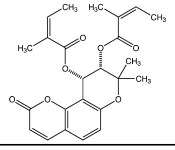
Polygalaxanthone III		Product # 83895
	CAS #	[162857-78-5]
	Molecular formula / Molecular weight	$C_{25}H_{28}O_{15}$ / 568.48 g/mol
	Synonyms	–

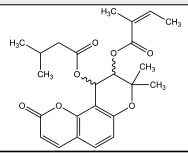
Polygalic acid		Product # 83896
	CAS #	[1260-04-4]
	Molecular formula / Molecular weight	$C_{29}H_{44}O_6$ / 488.66 g/mol
	Synonyms	Senegenic acid

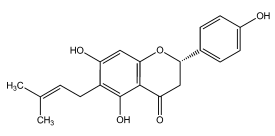
Poncirin		Product # 82628
	CAS #	[14941-08-3]
	Molecular formula / Molecular weight	$C_{28}H_{34}O_{14}$ / 594.57 g/mol
	Synonyms	5,7-Dihydroxy 4'-methoxyflavanone 7-neohesperidoside; Isosakuranetin 7-neohesperidoside; 4'-O-Methylnaringin; Poncerin

Ponicidin		Product # 80615
	CAS #	[52617-37-5]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_6$ / 362.42 g/mol
	Synonyms	Rubescensin B

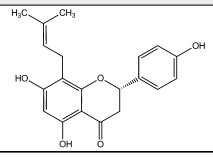
(+/-)-Praeruptorin A		Product # 83553
	CAS #	[73069-25-7]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_7$ / 386.40 g/mol
	Synonyms	–

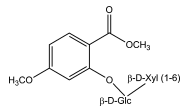
(+/-)-Praeruptorin B		Product # 83554
	CAS #	[73069-26-8]
	Molecular formula / Molecular weight	$C_{24}H_{26}O_7$ / 426.47 g/mol
	Synonyms	dl-Anomalin

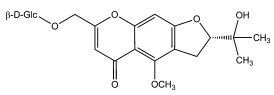
(+/-)-Praeruptorin C		Product # 83555
	CAS #	[72463-77-5 (RR)] [78478-28-1 (SS)]
	Molecular formula / Molecular weight	$C_{24}H_{28}O_7$ / 428.48 g/mol
	Synonyms	–

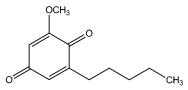
6-Prenylnaringenin		Product # 80520
	CAS #	[68236-13-5]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_5$ / 340.38 g/mol
	Synonyms	–

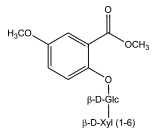
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

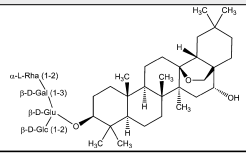
8-Prenylnaringenin		Product # 89886
	CAS #	[53846-50-7]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_5$ / 340.38 g/mol
	Synonyms	Flavaprenin; Sophoraflavanone B

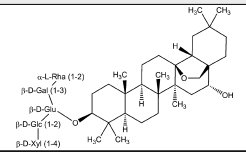
Primeverin		Product # 89761
	CAS #	[154-60-9]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_{13}$ / 476.44 g/mol
	Synonyms	–

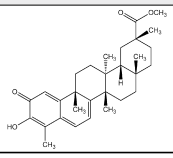
Prim-O-glucosylcimifugin		Product # 80521
	CAS #	[80681-45-4]
	Molecular formula / Molecular weight	$C_{22}H_{28}O_{11}$ / 468.46 g/mol
	Synonyms	–

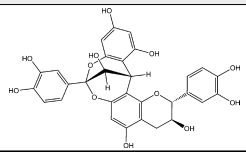
Primin		Product # 89762
	CAS #	[15121-94-5]
	Molecular formula / Molecular weight	$C_{12}H_{16}O_3$ / 208.26 g/mol
	Synonyms	–

Primulaverin		Product # 89763
	CAS #	[154-61-0]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_{13}$ / 476.44 g/mol
	Synonyms	–

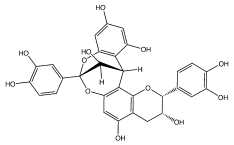
Primulic acid I		Product # 89259
	CAS #	[65312-86-9]
	Molecular formula / Molecular weight	$C_{54}H_{88}O_{23}$ / 1105.28 g/mol
	Synonyms	Primulasaponin I; Saponin PS 4

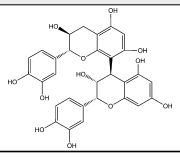
Primulic acid II		Product # 89260
	CAS #	[208599-88-6]
	Molecular formula / Molecular weight	$C_{59}H_{96}O_{27}$ / 1237.40 g/mol
	Synonyms	Primulasaponin II

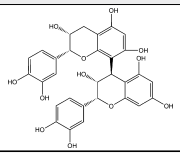
Pristimerin		Product # 83303
	CAS #	[1258-84-0]
	Molecular formula / Molecular weight	$C_{30}H_{40}O_4$ / 464.64 g/mol
	Synonyms	Celastrol methyl ester

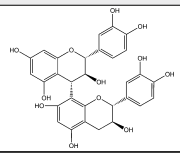
Procyanidin A1		Product # 83897
	CAS #	[103883-03-0]
	Molecular formula / Molecular weight	$C_{30}H_{24}O_{12}$ / 576.50 g/mol
	Synonyms	(+)-Epicatechin-(4β-8,2β-O-7)-catechin; Proanthocyanidin A1

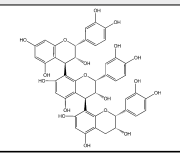
If your substance is missing please check our alphabetical index of synonyms on page 156.

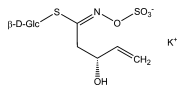
Procyanidin A2		Product # 83223
	CAS #	[41743-41-3]
	Molecular formula / Molecular weight	$C_{30}H_{24}O_{12}$ / 576.51 g/mol
	Synonyms	(+)-Epicatechin-(4β-8,2β-O-7)-epicatechin; Proanthocyanidin A2

Procyanidin B1		Product # 89764
	CAS #	[20315-25-7]
	Molecular formula / Molecular weight	$C_{30}H_{26}O_{12}$ / 578.53 g/mol
	Synonyms	(-)-Epicatechin (4β-8)-(+)-catechin; Proanthocyanidin B1

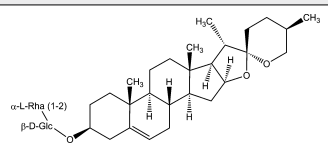
Procyanidin B2		Product # 89552
	CAS #	[29106-49-8]
	Molecular formula / Molecular weight	$C_{30}H_{26}O_{12}$ / 578.53 g/mol
	Synonyms	(-)-Epicatechin (4β-8)-(-)-epicatechin; Proanthocyanidin B2

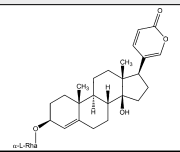
Procyanidin B3		Product # 84047
	CAS #	[23567-23-9]
	Molecular formula / Molecular weight	$C_{30}H_{26}O_{12}$ / 578.52 g/mol
	Synonyms	(+)-Catechin (4α-8)-(+)-catechin; Proanthocyanidin B3

Procyanidin C1		Product # 89537
	CAS #	[37064-30-5]
	Molecular formula / Molecular weight	$C_{45}H_{38}O_{18}$ / 866.79 g/mol
	Synonyms	Cinnamtannin A1; (-)-Epicatechin (4β-8)-(-)-epicatechin (4β-8)-(-)-epicatechin; Proanthocyanidin C1

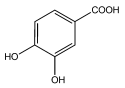
Progoitrin potassium salt		Product # 89765
	CAS #	[21087-77-4]
	Molecular formula / Molecular weight	$C_{11}H_{18}NO_{10}S_2K$ / 427.49 g/mol
	Synonyms	Glucorapiferin potassium salt; 2(R)-Hydroxy 3-butenylglucosinolate potassium salt

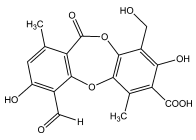
L-Proline		Product # 83414
	CAS #	[147-85-3]
	Molecular formula / Molecular weight	$C_5H_9NO_2$ / 115.13 g/mol
	Synonyms	(S)-2-Carboxypyrrolidine; (S)-2-Pyrrolidinecarboxylic acid

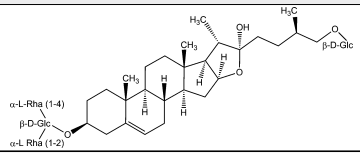
Prosapogenin A		Product # 80558
	CAS #	[19057-67-1]
	Molecular formula / Molecular weight	$C_{39}H_{62}O_{12}$ / 722.92 g/mol
	Synonyms	Lilioglycoside D; Ophiopogonin C'; Polyphyllin V; Progenin III; Prosapogenin D'1

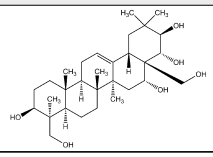
Proscillaridin A		Product # 82774
	CAS #	[466-06-8]
	Molecular formula / Molecular weight	$C_{30}H_{42}O_8$ / 530.66 g/mol
	Synonyms	Scillarenin 3β-rhamnoside

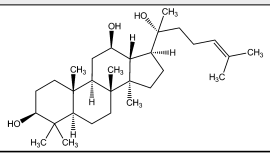
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

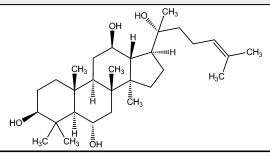
Protocatechuic acid		Product # 89766
	CAS #	[99-50-3]
	Molecular formula / Molecular weight	$C_7H_6O_4$ / 154.12 g/mol
	Synonyms	3,4-Dihydroxybenzoic acid

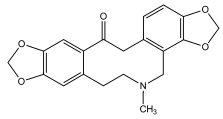
Protocetraric acid		Product # 84191
	CAS #	[489-51-0]
	Molecular formula / Molecular weight	$C_{18}H_{14}O_9$ / 374.30 g/mol
	Synonyms	–

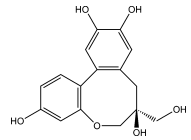
Protodioscin		Product # 80522
	CAS #	[55056-80-9]
	Molecular formula / Molecular weight	$C_{51}H_{84}O_{22}$ / 1049.22 g/mol
	Synonyms	–

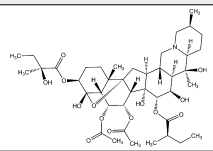
Protoescigenin		Product # 83898
	CAS #	[20853-07-0]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_6$ / 506.71 g/mol
	Synonyms	Protoaescigenin

Protopanaxadiol		Product # 89767
	CAS #	[7755-01-3]
	Molecular formula / Molecular weight	$C_{30}H_{52}O_3$ / 460.74 g/mol
	Synonyms	–

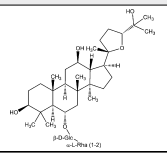
Protopanaxatriol		Product # 89768
	CAS #	[1453-93-6]
	Molecular formula / Molecular weight	$C_{30}H_{52}O_4$ / 476.74 g/mol
	Synonyms	–

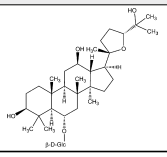
Protopine		Product # 89546
	CAS #	[130-86-9]
	Molecular formula / Molecular weight	$C_{20}H_{19}NO_5$ / 353.38 g/mol
	Synonyms	Biflorine; Corydinine; Fumarine; Macleyine

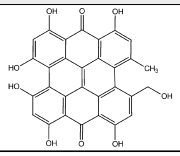
Protosappanin B		Product # 84252
	CAS #	[102036-29-3]
	Molecular formula / Molecular weight	$C_{16}H_{16}O_6$ / 304.29 g/mol
	Synonyms	–

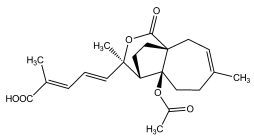
Protoveratrine A		Product # 89336
	CAS #	[143-57-7]
	Molecular formula / Molecular weight	$C_{41}H_{63}NO_{14}$ / 793.95 g/mol
	Synonyms	–

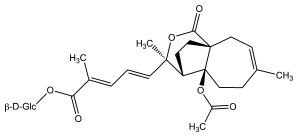
If your substance is missing please check our alphabetical index of synonyms on page 156.

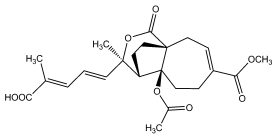
Pseudoginsenoside F11		Product # 89769
	CAS #	[69884-00-0]
	Molecular formula / Molecular weight	$C_{42}H_{72}O_{14}$ / 801.03 g/mol
	Synonyms	Ginsenoside A1

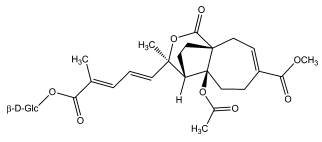
Pseudoginsenoside RT5		Product # 80619
	CAS #	[98474-78-3]
	Molecular formula / Molecular weight	$C_{36}H_{62}O_{10}$ / 654.88 g/mol
	Synonyms	–

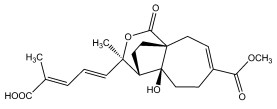
Pseudohypericin		Product # 89261
	CAS #	[55954-61-5]
	Molecular formula / Molecular weight	$C_{30}H_{16}O_9$ / 520.45 g/mol
	Synonyms	–

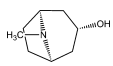
Pseudolaric acid A		Product # 80620
	CAS #	[82508-32-5]
	Molecular formula / Molecular weight	$C_{22}H_{28}O_6$ / 388.46 g/mol
	Synonyms	–

Pseudolaric acid A-glucopyranoside		Product # 82633
	CAS #	[98891-44-2]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_{11}$ / 550.60 g/mol
	Synonyms	–

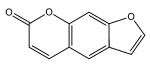
Pseudolaric acid B		Product # 80523
	CAS #	[82508-31-4]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_8$ / 432.47 g/mol
	Synonyms	O-Acetylpseudolaric acid C; Pseudolarix acid B

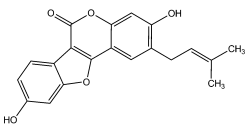
Pseudolaric acid B-glucopyranoside		Product # 82634
	CAS #	[98891-41-9]
	Molecular formula / Molecular weight	$C_{29}H_{38}O_{13}$ / 594.61 g/mol
	Synonyms	–

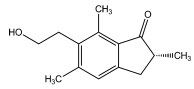
Pseudolaric acid C		Product # 82635
	CAS #	[82601-41-0]
	Molecular formula / Molecular weight	$C_{21}H_{26}O_7$ / 390.43 g/mol
	Synonyms	–

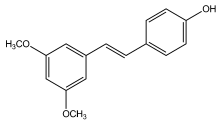
Pseudotropine		Product # 84099
	CAS #	[135-97-7]
	Molecular formula / Molecular weight	$C_8H_{15}NO$ / 141.21 g/mol
	Synonyms	3-Pseudotropanol; 3β-Tropanol; ψ-Tropine

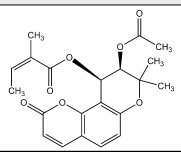
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

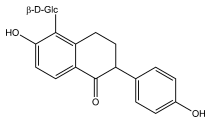
Psoralen		Product # 89770
	CAS #	[66-97-7]
	Molecular formula / Molecular weight	$C_{11}H_6O_3$ / 186.17 g/mol
	Synonyms	Ficusin; 6,7-Furanocoumarin; Furocoumarin

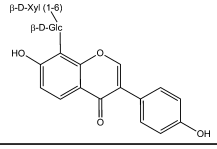
Psoralidin		Product # 82636
	CAS #	[18642-23-4]
	Molecular formula / Molecular weight	$C_{20}H_{16}O_5$ / 336.34 g/mol
	Synonyms	–

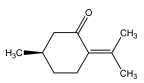
Pterosin B		Product # 82794
	CAS #	[34175-96-7]
	Molecular formula / Molecular weight	$C_{14}H_{18}O_2$ / 218.30 g/mol
	Synonyms	–

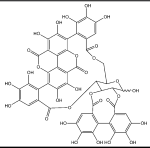
trans-Pterostilbene		Product # 83261
	CAS #	[537-42-8]
	Molecular formula / Molecular weight	$C_{16}H_{16}O_3$ / 256.30 g/mol
	Synonyms	trans-4-Hydroxy 3',5'-dimethoxystilbene

Pteryxin		Product # 83899
	CAS #	[13161-75-6]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_7$ / 386.40 g/mol
	Synonyms	–

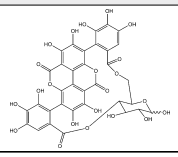
Puerarin		Product # 89318
	CAS #	[3681-99-0]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_9$ / 416.39 g/mol
	Synonyms	4',7-Dihydroxyisoflavone 8-C-glucoside; Kakonein

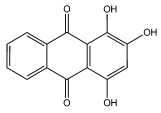
Puerarin 6''-xyloside		Product # 84253
	CAS #	[114240-18-5]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{13}$ / 548.49 g/mol
	Synonyms	4',7-Dihydroxyisoflavone 8-C-(6''-xylosylglucoside)

R-(+)-Pulegone		Product # 82240
	CAS #	[89-82-7]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.23 g/mol
	Synonyms	(+)-p-Menth 4(8)-ene 3-one

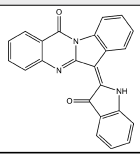
Punicalagin (A + B mixture)		Product # 80524
	CAS #	[65995-63-3] (Punicalagin A = [130518-17-1], Punicalagin B = [130608-10-5])
	Molecular formula / Molecular weight	$C_{48}H_{28}O_{30}$ / 1084.73 g/mol
	Synonyms	–

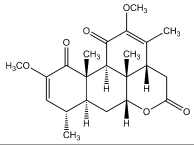
If your substance is missing please check our alphabetical index of synonyms on page 156.

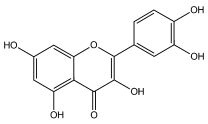
Punicalin (A + B mixture)		Product # 83532
	CAS #	[65995-64-4] (Punicalin A = [157201-76-8], Punicalin B = [157201-77-9])
	Molecular formula / Molecular weight	$C_{34}H_{22}O_{22}$ / 782.54 g/mol
	Synonyms	–

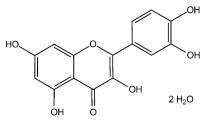
Purpurin		Product # 89771
	CAS #	[81-54-9]
	Molecular formula / Molecular weight	$C_{14}H_8O_5$ / 256.21 g/mol
	Synonyms	Hydroxylizaric acid; 1,2,4-Trihydroxy 9,10-anthraquinone; Verantin

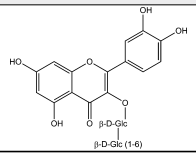
Pyrogallol		Product # 89772
	CAS #	[87-66-1]
	Molecular formula / Molecular weight	$C_6H_6O_3$ / 126.11 g/mol
	Synonyms	2,3-Dihydroxyphenol; Pyrogallic acid; 1,2,3-Trihydroxybenzene

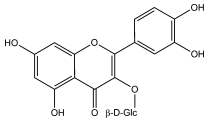
Qingdainone		Product # 83756
	CAS #	[97457-31-3]
	Molecular formula / Molecular weight	$C_{23}H_{13}N_3O_2$ / 363.37 g/mol
	Synonyms	Candidine

Quassin		Product # 80324
	CAS #	[76-78-8]
	Molecular formula / Molecular weight	$C_{22}H_{28}O_6$ / 388.45 g/mol
	Synonyms	Nigakilactone D

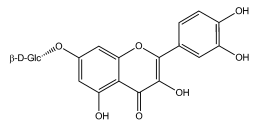
Quercetin		Product # 89262
	CAS #	[117-39-5]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_7$ / 302.24 g/mol
	Synonyms	3'-Hydroxykaempferol; 3,3',4',5,7-Pentahydroxyflavone; Sophoretin; Xanthaurine

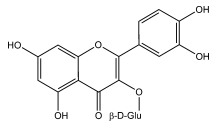
Quercetin dihydrate		Product # 89263
	CAS #	[6151-25-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_7 \times 2\ H_2O$ / 338.27 g/mol
	Synonyms	3,3',4',5,7-Pentahydroxyflavone dihydrate

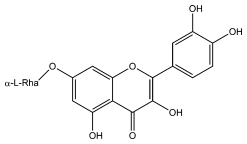
Quercetin 3-gentiobioside		Product # 83533
	CAS #	[7431-83-6]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{17}$ / 626.53 g/mol
	Synonyms	3,3',4',5,7-Pentahydroxyflavone 3-gentiobioside

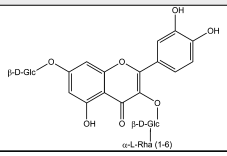
Quercetin 3-glucoside		Product # 89230
	CAS #	[482-35-9]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{12}$ / 464.38 g/mol
	Synonyms	Contigoside B; 3-Glucosylquercetin; Hirsutrin; Isoquercetin; Isoquercetrin; Isoquercitrin; 3,3',4',5,7-Pentahydroxyflavone 3-glucoside

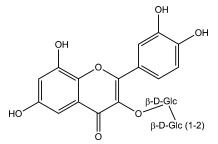
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

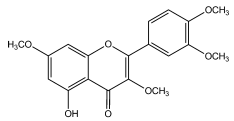
Quercetin 7-glucoside		Product # 82640
	CAS #	[491-50-9]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{12}$ / 464.38 g/mol
	Synonyms	3,3',4',5,7-Pentahydroxyflavone 7-glucoside; Quercimeritrin; Quercimeritroside; Quercimetrin

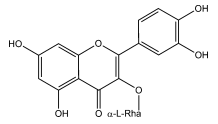
Quercetin 3-glucuronide		Product # 80349
	CAS #	[22688-79-5]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{13}$ / 478.37 g/mol
	Synonyms	Mikwelianin; Miquelianin; 3,3',4',5,7-Pentahydroxyflavone 3-glucuronide; Querciturone

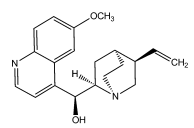
Quercetin 7-rhamnoside		Product # 83534
	CAS #	[22007-72-3]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	7-Rhamnosylquercetin; 3,3',4',5,7-Pentahydroxyflavone 7-rhamnoside; Vincetoxicoside B

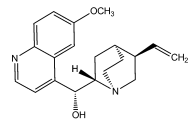
Quercetin 3-rutinoside 7-glucoside		Product # 83535
	CAS #	[30311-61-6]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{21}$ / 772.67 g/mol
	Synonyms	Quercetin 3-rhamnoglucoside 7-glucoside; 3,3',4',5,7-Pentahydroxyflavone 3-rutinoside 7-glucoside

Quercetin 3-sophoroside		Product # 83575
	CAS #	[18609-17-1]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{17}$ / 626.52 g/mol
	Synonyms	Baimaside; 3,3',4',5,7-Pentahydroxyflavone 3-sophoroside

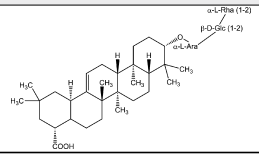
Quercetin 3,3',4',7-tetramethylether		Product # 82641
	CAS #	[1245-15-4]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_7$ / 358.35 g/mol
	Synonyms	5-Hydroxy 3,3',4',7-tetramethoxyflavone; Retusin; 3,3',4',7-Tetramethylquercetin

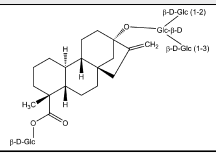
Quercitrin		Product # 89346
	CAS #	[522-12-3]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{11}$ / 448.38 g/mol
	Synonyms	3,3',4',5,7-Pentahydroxyflavone 3-rhamnoside; Quercetin 3-rhamnoside; Quercimelin; Quercitroside; 3-O-Rhamnosylquercetin

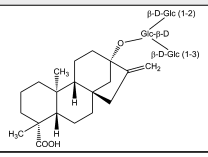
(+)-Quinidine		Product # 80964
	CAS #	[56-54-2]
	Molecular formula / Molecular weight	$C_{20}H_{24}N_2O_2$ / 324.42 g/mol
	Synonyms	Chinidin; Cin-quin; Conchinine; Conquinine; Kinidin; Pitayine

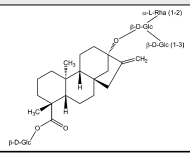
(-)-Quinine		Product # 80962
	CAS #	[130-95-0]
	Molecular formula / Molecular weight	$C_{20}H_{24}N_2O_2$ / 324.42 g/mol
	Synonyms	Chinine; 6'-Methoxycinchonidine

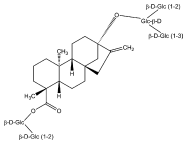
If your substance is missing please check our alphabetical index of synonyms on page 156.

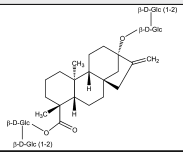
Raddeanin A		**Product # 80525**
	CAS #	[89412-79-3]
	Molecular formula / Molecular weight	$C_{47}H_{76}O_{16}$ / 897.10 g/mol
	Synonyms	Raddeanin R3; Raddeanoside R3

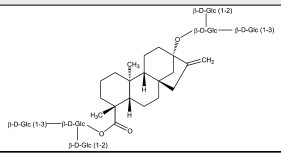
Rebaudioside A		**Product # 80067**
	CAS #	[58543-16-1]
	Molecular formula / Molecular weight	$C_{44}H_{70}O_{23}$ / 967.03 g/mol
	Synonyms	Glycoside A3; Glycoside X; Stevioside a3

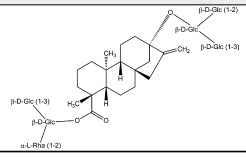
Rebaudioside B		**Product # 82396**
	CAS #	[58543-17-2]
	Molecular formula / Molecular weight	$C_{38}H_{60}O_{18}$ / 804.89 g/mol
	Synonyms	Stevioside a4

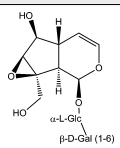
Rebaudioside C		**Product # 82397**
	CAS #	[63550-99-2]
	Molecular formula / Molecular weight	$C_{44}H_{70}O_{22}$ / 951.03 g/mol
	Synonyms	Dulcoside B

Rebaudioside D		**Product # 82398**
	CAS #	[63279-13-0]
	Molecular formula / Molecular weight	$C_{50}H_{80}O_{28}$ / 1129.17 g/mol
	Synonyms	–

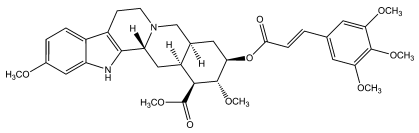
Rebaudioside E		**Product # 84145**
	CAS #	[63279-14-1]
	Molecular formula / Molecular weight	$C_{44}H_{70}O_{23}$ / 967.01 g/mol
	Synonyms	–

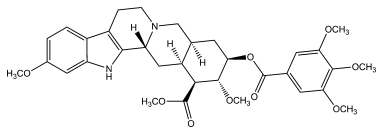
Rebaudioside M		**Product # 84146**
	CAS #	[1220616-44-3]
	Molecular formula / Molecular weight	$C_{56}H_{90}O_{33}$ / 1291.29 g/mol
	Synonyms	Rebaudioside X

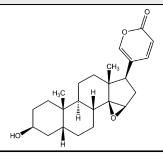
Rebaudioside N		**Product # 83218**
	CAS #	[1220616-46-5]
	Molecular formula / Molecular weight	$C_{56}H_{90}O_{32}$ / 1275.31 g/mol
	Synonyms	–

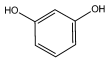
Rehmannioside A		**Product # 83900**
	CAS #	[81720-05-0]
	Molecular formula / Molecular weight	$C_{21}H_{32}O_{15}$ / 524.47 g/mol
	Synonyms	–

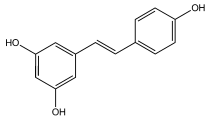
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

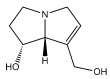
Rescinnamine		Product # 84037
	CAS #	[24815-24-5]
	Molecular formula / Molecular weight	$C_{35}H_{42}N_2O_9$ / 634.72 g/mol
	Synonyms	Methyl trimethoxycinnamoylreserpate; Reserpic acid methyl ester 3,4,5-trihydroxycinnamate; Reserpinine

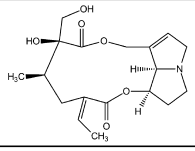
Reserpine		Product # 82642
	CAS #	[50-55-5]
	Molecular formula / Molecular weight	$C_{33}H_{40}N_2O_9$ / 608.69 g/mol
	Synonyms	–

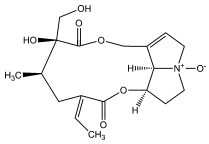
Resibufogenin		Product # 89774
	CAS #	[465-39-4]
	Molecular formula / Molecular weight	$C_{24}H_{32}O_4$ / 384.52 g/mol
	Synonyms	Bufogenin; Recibufogenin

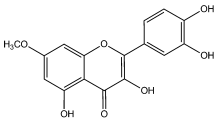
Resorcinol		Product # 82643
	CAS #	[108-46-3]
	Molecular formula / Molecular weight	$C_6H_6O_2$ / 110.11 g/mol
	Synonyms	1,3-Dihydroxybenzene; 3-Hydroxyphenol

trans-Resveratrol		Product # 89539
	CAS #	[501-36-0]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_3$ / 228.25 g/mol
	Synonyms	3,4',5-Stilbenetriol; trans-3,4',5-Trihydroxystilbene

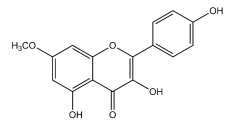
Retronecine		Product # 83901
	CAS #	[480-85-3]
	Molecular formula / Molecular weight	$C_8H_{13}NO_2$ / 155.19 g/mol
	Synonyms	–

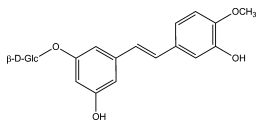
Retrorsine		Product # 89775
	CAS #	[480-54-6]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_6$ / 351.40 g/mol
	Synonyms	β-Longilobine

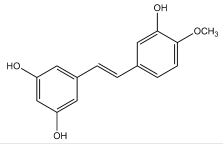
Retrorsine N-oxide		Product # 82630
	CAS #	[15503-86-3]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_7$ / 367.40 g/mol
	Synonyms	Isatidine

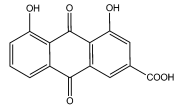
Rhamnetin		Product # 82644
	CAS #	[90-19-7]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_7$ / 316.27 g/mol
	Synonyms	7-Methoxyquercetin; 7-Methylquercetin; Quercetin 7-methyl ether; β-Rhamnocitrin; 3,3',4',5-Tetrahydroxy 7-methoxyflavone

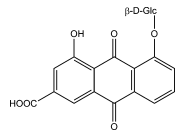
If your substance is missing please check our alphabetical index of synonyms on page 156.

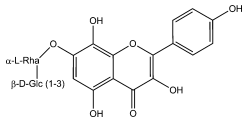
Rhamnocitrin		Product # 83902
	CAS #	[569-92-6]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_6$ / 300.26 g/mol
	Synonyms	Kaempferol 7-methyl ether; 7-Methylkaempferol; 3,4',5-Trihydroxy 7-methoxyflavone

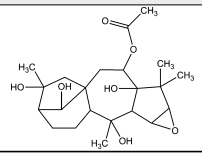
Rhaponticin		Product # 89776
	CAS #	[155-58-8]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_9$ / 420.42 g/mol
	Synonyms	Ponticin; Rhaponticoside; Rhapontin; trans-3,3',5-Trihydroxy 4'-methoxystilbene 3-β-D-glucoside

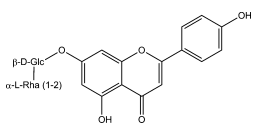
Rhapontigenin		Product # 83903
	CAS #	[500-65-2]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_4$ / 258.27 g/mol
	Synonyms	4'-Methoxy 3,3',5-stilbenetriol; Pontigenin; Prontigenin; Protigenin; Rhapontin aglycone; Rhapontin genin

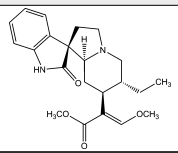
Rhein		Product # 89385
	CAS #	[478-43-3]
	Molecular formula / Molecular weight	$C_{15}H_8O_6$ / 284.23 g/mol
	Synonyms	Cassic acid; Chrysazin 3-carboxylic acid; Monorhein; Rheic acid; Rhubarb yellow

Rhein 8-glucoside		Product # 83536
	CAS #	[34298-86-7]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{11}$ / 446.37 g/mol
	Synonyms	8-Glucosidorhein 9-anthrone; 8-Glucosylrhein

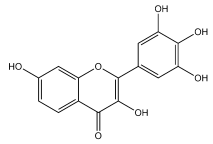
Rhodiosin		Product # 84254
	CAS #	[86831-54-1]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{16}$ / 610.52 g/mol
	Synonyms	Herbacetin 7-glucosylrhamnoside; 3,4',5,7,8-Pentahydroxyflavone 7-glucosylrhamnoside

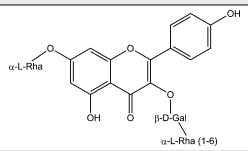
Rhodojaponin II		Product # 84255
	CAS #	[26116-89-2]
	Molecular formula / Molecular weight	$C_{22}H_{34}O_7$ / 410.50 g/mol
	Synonyms	Rhodojaponin III 6-acetate

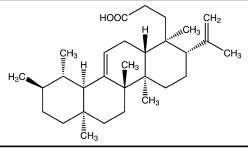
Rhoifolin		Product # 83302
	CAS #	[17306-46-6]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{14}$ / 578.53 g/mol
	Synonyms	Apigenin 7-O-β-D-neohesperidoside; Rhoifoloside

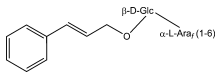
Rhynchophylline		Product # 80526
	CAS #	[76-66-4]
	Molecular formula / Molecular weight	$C_{22}H_{28}N_2O_4$ / 384.48 g/mol
	Synonyms	Mitrinermine

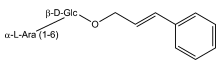
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

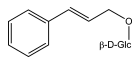
Robinetin		Product # 82645
	CAS #	[490-31-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_7$ / 302.24 g/mol
	Synonyms	Norkanugin; 3,3',4',5',7-Pentahydroxyflavone

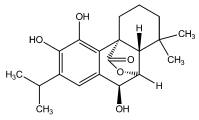
Robinin		Product # 83246
	CAS #	[301-19-9]
	Molecular formula / Molecular weight	$C_{33}H_{40}O_{19}$ / 740.67 g/mol
	Synonyms	–

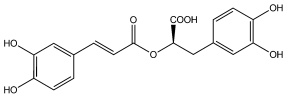
Roburic acid		Product # 83537
	CAS #	[6812-81-3]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_2$ / 440.71 g/mol
	Synonyms	–

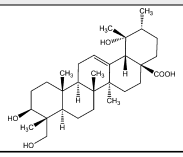
Rosarin		Product # 89903
	CAS #	[84954-93-8]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_{10}$ / 428.44 g/mol
	Synonyms	–

Rosavin		Product # 89264
	CAS #	[84954-92-7]
	Molecular formula / Molecular weight	$C_{20}H_{28}O_{10}$ / 428.44 g/mol
	Synonyms	Rosavidin

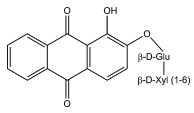
Rosin		Product # 89902
	CAS #	[85026-55-7]
	Molecular formula / Molecular weight	$C_{15}H_{20}O_6$ / 296.32 g/mol
	Synonyms	Chinese rosin W; Rosin X

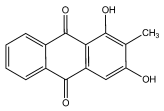
Rosmanol		Product # 83268
	CAS #	[80225-53-2]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_5$ / 346.42 g/mol
	Synonyms	–

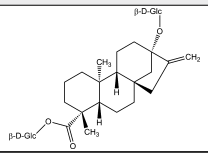
Rosmarinic acid		Product # 89266
	CAS #	[20283-92-5]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_8$ / 360.32 g/mol
	Synonyms	Rosemary acid

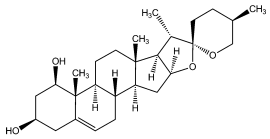
Rotundic acid		Product # 84256
	CAS #	[20137-37-5]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_5$ / 488.70 g/mol
	Synonyms	22-Deoxyilexolic acid

If your substance is missing please check our alphabetical index of synonyms on page 156.

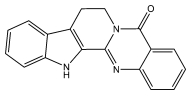
Ruberythric acid		Product # 83904
	CAS #	[152-84-1]
	Molecular formula / Molecular weight	$C_{25}H_{26}O_{13}$ / 534.47 g/mol
	Synonyms	Alizarin 2-β-primeveroside; Rubianic acid; Rubierythric acid

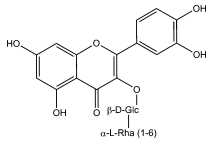
Rubiadin		Product # 89267
	CAS #	[117-02-2]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_4$ / 254.24 g/mol
	Synonyms	1,3-Dihydroxy 2-methylanthraquinone

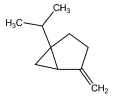
Rubusoside		Product # 80078
	CAS #	[64849-39-4]
	Molecular formula / Molecular weight	$C_{32}H_{50}O_{13}$ / 642.74 g/mol
	Synonyms	–

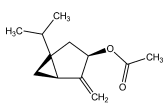
Ruscogenin		Product # 89268
	CAS #	[472-11-7]
	Molecular formula / Molecular weight	$C_{27}H_{42}O_4$ / 430.63 g/mol
	Synonyms	–

Ruscogenin/Neoruscogenin mixture		Product # 89269
The mixture contains ruscogenin:neoruscogenin in the ratio 3:7	CAS #	[50933-59-0]
	Molecular formula / Molecular weight	– / –
	Synonyms	Neoruscogenin/Ruscogenin mixture

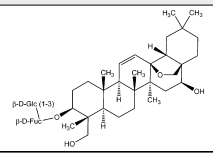
Rutaecarpine		Product # 89319
	CAS #	[84-26-4]
	Molecular formula / Molecular weight	$C_{18}H_{13}N_3O$ / 287.32 g/mol
	Synonyms	Rhetine; Rutecarpine

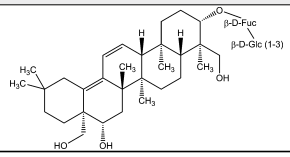
Rutin		Product # 89270
	CAS #	[153-18-4]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{16}$ / 610.53 g/mol
	Synonyms	Globulariacitrin; Ilixanthin; Myrticalorin; Osyritrin; Paliuroside; 3,3',4',5,7-Pentahydroxyflavone 3-rutinoside; Phytomelin; Quercetin 3-rhamnoglucoside; Quercetin 3-rutinoside; 3-Rutinosyl-quercetin; Rutoside; Sophorin; Tanrutin; Violaquercitrin

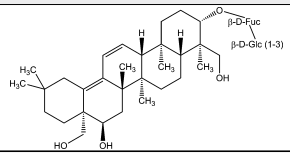
Sabinene		Product # 82342
	CAS #	[3387-41-5]
	Molecular formula / Molecular weight	$C_{10}H_{16}$ / 136.24 g/mol
	Synonyms	4(10)-Thujene

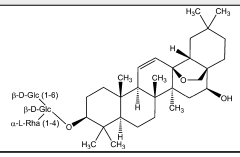
Sabinyl acetate		Product # 89271
	CAS #	[53833-85-5]
	Molecular formula / Molecular weight	$C_{12}H_{18}O_2$ / 194.27 g/mol
	Synonyms	Acetic acid sabinyl ester

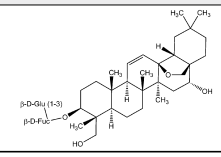
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

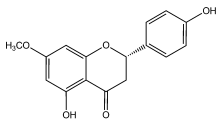
Saikosaponin A		Product # 89526
	CAS #	[20736-09-8]
	Molecular formula / Molecular weight	$C_{42}H_{68}O_{13}$ / 781.00 g/mol
	Synonyms	Salikosaponin A

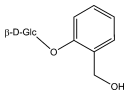
Saikosaponin B1		Product # 83538
	CAS #	[58558-08-0]
	Molecular formula / Molecular weight	$C_{42}H_{68}O_{13}$ / 781.00 g/mol
	Synonyms	–

Saikosaponin B2		Product # 83539
	CAS #	[58316-41-9]
	Molecular formula / Molecular weight	$C_{42}H_{68}O_{13}$ / 781.00 g/mol
	Synonyms	–

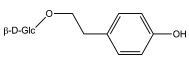
Saikosaponin C		Product # 89780
	CAS #	[20736-08-7]
	Molecular formula / Molecular weight	$C_{48}H_{78}O_{17}$ / 927.14 g/mol
	Synonyms	–

Saikosaponin D		Product # 89527
	CAS #	[20874-52-6]
	Molecular formula / Molecular weight	$C_{42}H_{68}O_{13}$ / 781.00 g/mol
	Synonyms	–

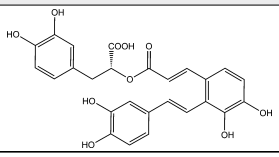
Sakuranetin		Product # 89273
	CAS #	[2957-21-3]
	Molecular formula / Molecular weight	$C_{16}H_{14}O_5$ / 286.28 g/mol
	Synonyms	4',5-Dihydroxy 7-methoxyflavanone; 7-O-Methylnaringenin; Naringenin 7-O-methyl ether

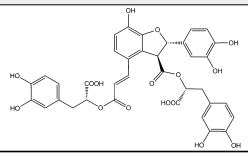
Salicin		Product # 89782
	CAS #	[138-52-3]
	Molecular formula / Molecular weight	$C_{13}H_{18}O_7$ / 286.28 g/mol
	Synonyms	Salicoside; Salicyl alcohol glucoside; Saligenin β-D-glucoside

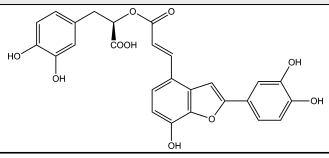
Salicylic acid		Product # 80529
	CAS #	[69-72-7]
	Molecular formula / Molecular weight	$C_7H_6O_3$ / 138.12 g/mol
	Synonyms	2-Hydroxybenzoic acid

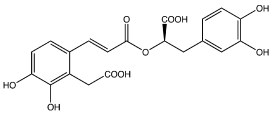
Salidroside		Product # 89462
	CAS #	[10338-51-9]
	Molecular formula / Molecular weight	$C_{14}H_{20}O_7$ / 300.31 g/mol
	Synonyms	Rhodioloside; Rhodosin; Tyrosol α-(β-D-glucopyranoside)

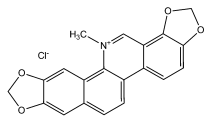
If your substance is missing please check our alphabetical index of synonyms on page 156.

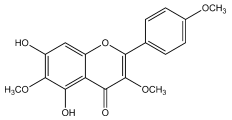
Salvianolic acid A		Product # 80530
	CAS #	[96574-01-5]
	Molecular formula / Molecular weight	$C_{26}H_{22}O_{10}$ / 494.46 g/mol
	Synonyms	Dan phenolic acid A

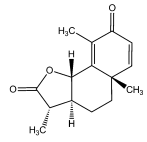
Salvianolic acid B		Product # 89783
	CAS #	[121521-90-2]
	Molecular formula / Molecular weight	$C_{36}H_{30}O_{16}$ / 718.63 g/mol
	Synonyms	Danfensuan B; Dan Shen Suan B; Lithospermic acid B

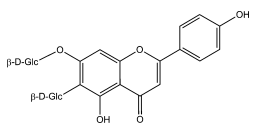
Salvianolic acid C		Product # 83585
	CAS #	[115841-09-3]
	Molecular formula / Molecular weight	$C_{26}H_{20}O_{10}$ / 492.43 g/mol
	Synonyms	–

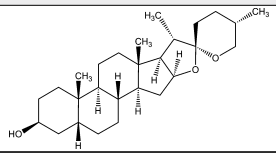
Salvianolic acid D		Product # 83540
	CAS #	[142998-47-8]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_{10}$ / 418.36 g/mol
	Synonyms	–

Sanguinarine chloride		Product # 89327
	CAS #	[5578-73-4]
	Molecular formula / Molecular weight	$C_{20}H_{14}NO_4Cl$ / 367.79 g/mol
	Synonyms	–

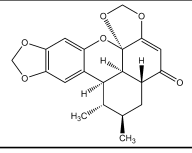
Santin		Product # 83905
	CAS #	[27782-63-4]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	Centauridin; 5,7-Dihydroxy 3,4',6-trimethoxyflavone; 6-Hydroxykaempferol 3,4',6-trimethyl ether; 3-Methylbetuletol

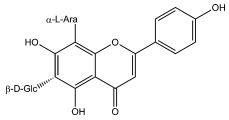
α-Santonin		Product # 80931
	CAS #	[481-06-1]
	Molecular formula / Molecular weight	$C_{15}H_{18}O_3$ / 246.31 g/mol
	Synonyms	Semenen

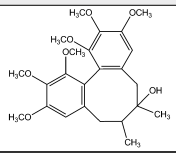
Saponarin		Product # 89784
	CAS #	[20310-89-8]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.53 g/mol
	Synonyms	7-O-Glucosylisovitexin; Isovitexin 7-glucoside; Petrocomoside; 4',5,7-Trihydroxyflavone 6-C-glucoside 7-O-glucoside

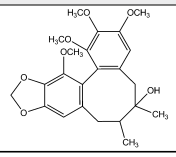
Sarsasapogenin		Product # 80531
	CAS #	[126-19-2]
	Molecular formula / Molecular weight	$C_{27}H_{44}O_3$ / 416.65 g/mol
	Synonyms	Parigenin

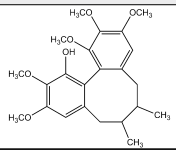
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

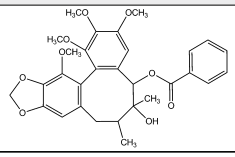
Sauchinone		Product # 83906
	CAS #	[177931-17-8]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_6$ / 356.37 g/mol
	Synonyms	–

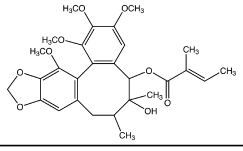
Schaftoside		Product # 83325
	CAS #	[51938-32-0]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.50 g/mol
	Synonyms	Apigenin 8-C-α-L-arabinoside 6-C-β-D-glucoside

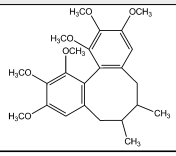
Schisandrol A		Product # 89885
	CAS #	[7432-28-2]
	Molecular formula / Molecular weight	$C_{24}H_{32}O_7$ / 432.52 g/mol
	Synonyms	Schisandrin; Schizandrin; Schizandrol A; Wuweizi alcohol A; Wuweizichun A

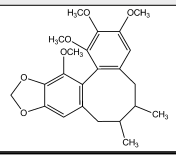
Schisandrol B		Product # 80206
	CAS #	[58546-54-6]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_7$ / 416.47 g/mol
	Synonyms	Besigomsin; Gomisin A; Schisantherinol B; Schizandrol B; Wuweizi alcohol B; Wuweizichun B

Schisanhenol		Product # 83907
	CAS #	[69363-14-0]
	Molecular formula / Molecular weight	$C_{23}H_{30}O_6$ / 402.48 g/mol
	Synonyms	Gomisin K3; Schizanhenol

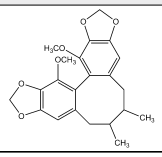
Schisantherin A		Product # 89316
	CAS #	[58546-56-8]
	Molecular formula / Molecular weight	$C_{30}H_{32}O_9$ / 536.58 g/mol
	Synonyms	Gomisin C; Schizantherin A; Wuweizi ester A

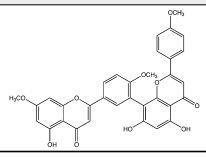
Schisantherin B		Product # 83542
	CAS #	[58546-55-7]
	Molecular formula / Molecular weight	$C_{28}H_{34}O_9$ / 514.57 g/mol
	Synonyms	Gomisin B; Wuweizi ester B

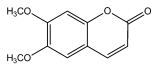
Schizandrin A		Product # 89785
	CAS #	[61281-38-7]
	Molecular formula / Molecular weight	$C_{24}H_{32}O_6$ / 416.52 g/mol
	Synonyms	Deoxyschisandrin; Deoxyschizandrin; Schisandrin A; Wuweizisu A

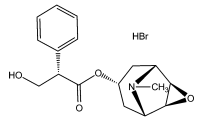
Schizandrin B		Product # 89786
	CAS #	[61281-37-6]
	Molecular formula / Molecular weight	$C_{23}H_{28}O_6$ / 400.47 g/mol
	Synonyms	γ-Schisandrin; Schisandrin B; γ-Schizandrin; Wuweizisu B

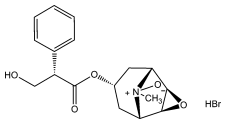
If your substance is missing please check our alphabetical index of synonyms on page 156.

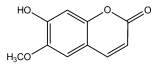
Schizandrin C		Product # 82647
	CAS #	[61301-33-5]
	Molecular formula / Molecular weight	$C_{22}H_{24}O_6$ / 384.42 g/mol
	Synonyms	Schisandrin C; Wuweizisu C

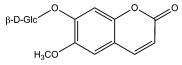
Sciadopitysin		Product # 83543
	CAS #	[521-34-6]
	Molecular formula / Molecular weight	$C_{33}H_{24}O_{10}$ / 580.55 g/mol
	Synonyms	4',4''',7-Trimethylamentoflavone

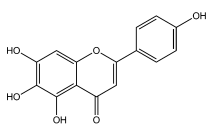
Scoparone		Product # 89787
	CAS #	[120-08-1]
	Molecular formula / Molecular weight	$C_{11}H_{10}O_4$ / 206.20 g/mol
	Synonyms	Aesculetin dimethyl ether; 6,7-Dimethoxycoumarin; 6,7-Dimethylesculetin; Escoparone; Esculetin 6,7-dimethyl ether; O-Methylisoscopoletin; O-Methylscopoletin; Scopoletin methyl ether

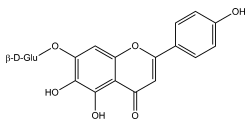
Scopolamine hydrobromide		Product # 80046
	CAS #	[114-49-8]
	Molecular formula / Molecular weight	$C_{17}H_{21}NO_4 \times HBr$ / 384.27 g/mol
	Synonyms	Hydroscine hydrobromide; Hyoscine hydrobromide

Scopolamine N-oxide hydrobromide		Product # 84116
	CAS #	[6106-81-6]
	Molecular formula / Molecular weight	$C_{17}H_{21}NO_5 \times HBr$ / 400.26 g/mol
	Synonyms	Hyoscine N-oxide hydrobromide

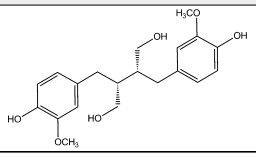
Scopoletin		Product # 89516
	CAS #	[92-61-5]
	Molecular formula / Molecular weight	$C_{10}H_8O_4$ / 192.17 g/mol
	Synonyms	Buxuletin; Chrysatropic acid; Escopoletin; Esculetin 6-methyl ether; Gelseminic acid; 7-Hydroxy 6-methoxycoumarin; 6-Methylesculetin; Murrayetin

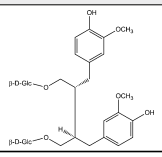
Scopolin		Product # 82649
	CAS #	[531-44-2]
	Molecular formula / Molecular weight	$C_{16}H_{18}O_9$ / 354.31 g/mol
	Synonyms	7-Hydroxy 6-methoxycoumarin 7-glucoside; Scopoletin 7-glucoside; Scopoloside

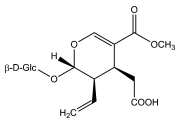
Scutellarein		Product # 83283
	CAS #	[529-53-3]
	Molecular formula / Molecular weight	$C_{15}H_{10}O_6$ / 286.24 g/mol
	Synonyms	6-Hydroxyapigenin; 4',5,6,7-Tetrahydroxyflavone

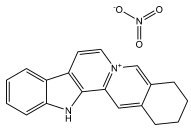
Scutellarin		Product # 89788
	CAS #	[27740-01-8]
	Molecular formula / Molecular weight	$C_{21}H_{18}O_{12}$ / 462.37 g/mol
	Synonyms	Scutellarein 7-glucuronide; Scutellarin B; 4',5,6,7-Tetrahydroxyflavone 7-glucuronide

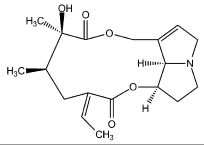
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

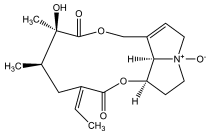
(-)-Secoisolariciresinol		Product # 80532
	CAS #	[29388-59-8]
	Molecular formula / Molecular weight	$C_{20}H_{26}O_6$ / 362.42 g/mol
	Synonyms	–

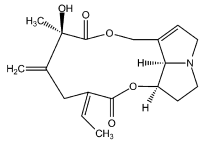
Secoisolariciresinol diglucoside		Product # 80533
	CAS #	[158932-33-3]
	Molecular formula / Molecular weight	$C_{32}H_{46}O_{16}$ / 686.71 g/mol
	Synonyms	SDG

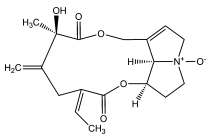
Secoxyloganin		Product # 83908
	CAS #	[58822-47-2]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{11}$ / 404.37 g/mol
	Synonyms	Secologanoside 11-methyl ester

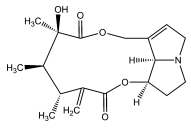
Sempervirine nitrate		Product # 83105
	CAS #	[17994-15-9]
	Molecular formula / Molecular weight	$C_{19}H_{17}N_2^+ \times NO_3^-$ / 335.36 g/mol
	Synonyms	–

Senecionine		Product # 89789
	CAS #	[130-01-8]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_5$ / 335.40 g/mol
	Synonyms	Aureine

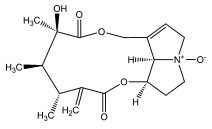
Senecionine N-oxide		Product # 82631
	CAS #	[13268-67-2]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_6$ / 351.40 g/mol
	Synonyms	–

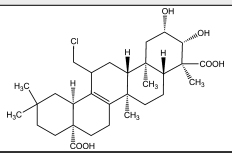
Seneciphylline		Product # 89275
	CAS #	[480-81-9]
	Molecular formula / Molecular weight	$C_{18}H_{23}NO_5$ / 333.39 g/mol
	Synonyms	Jacodine; α-Longilobine

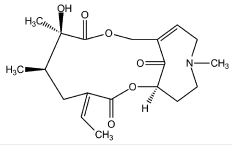
Seneciphylline N-oxide		Product # 82632
	CAS #	[38710-26-8]
	Molecular formula / Molecular weight	$C_{18}H_{23}NO_6$ / 349.38 g/mol
	Synonyms	–

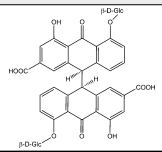
Senecivernine		Product # 83436
	CAS #	[72755-25-0]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_5$ / 335.39 g/mol
	Synonyms	–

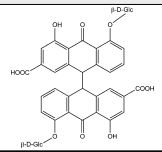
If your substance is missing please check our alphabetical index of synonyms on page 156.

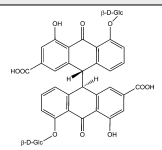
Senecivernine N-oxide		Product # 83437
	CAS #	[101687-28-9]
	Molecular formula / Molecular weight	$C_{18}H_{25}NO_6$ / 351.39 g/mol
	Synonyms	–

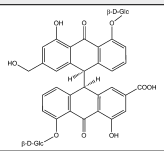
Senegenin		Product # 82650
	CAS #	[2469-34-3]
	Molecular formula / Molecular weight	$C_{30}H_{45}O_6Cl$ / 537.14 g/mol
	Synonyms	–

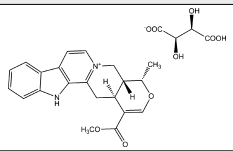
Senkirkin		Product # 89274
	CAS #	[2318-18-5]
	Molecular formula / Molecular weight	$C_{19}H_{27}NO_6$ / 365.43 g/mol
	Synonyms	Renardine

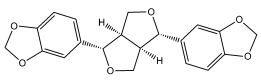
Sennoside A		Product # 89276
	CAS #	[81-27-6]
	Molecular formula / Molecular weight	$C_{42}H_{38}O_{20}$ / 862.75 g/mol
	Synonyms	–

Sennoside A1		Product # 83247
	CAS #	[66575-30-2]
	Molecular formula / Molecular weight	$C_{42}H_{38}O_{20}$ / 862.75 g/mol
	Synonyms	Sennoside G

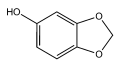
Sennoside B		Product # 89277
	CAS #	[128-57-4]
	Molecular formula / Molecular weight	$C_{42}H_{38}O_{20}$ / 862.75 g/mol
	Synonyms	–

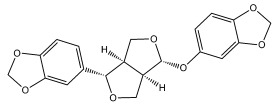
Sennoside C		Product # 80534
	CAS #	[37271-16-2]
	Molecular formula / Molecular weight	$C_{42}H_{40}O_{19}$ / 848.77 g/mol
	Synonyms	–

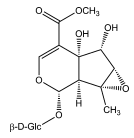
Serpentine hydrogen tartrate		Product # 84143
	CAS #	[58782-36-8]
	Molecular formula / Molecular weight	$C_{21}H_{21}N_2O_3 \times C_4H_5O_6$ / 498.48 g/mol
	Synonyms	3,4,5,6-Tetradehydroajmalicine hydrogen tartrate

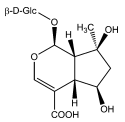
Sesamin		Product # 89790
	CAS #	[607-80-7]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_6$ / 354.36 g/mol
	Synonyms	Fagarol

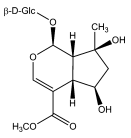
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

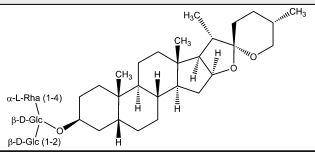
Sesamol		Product # 80111
	CAS #	[533-31-3]
	Molecular formula / Molecular weight	$C_7H_6O_3$ / 138.12 g/mol
	Synonyms	–

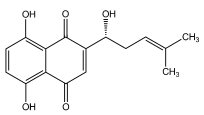
Sesamolin		Product # 80311
	CAS #	[526-07-8]
	Molecular formula / Molecular weight	$C_{20}H_{18}O_7$ / 370.36 g/mol
	Synonyms	–

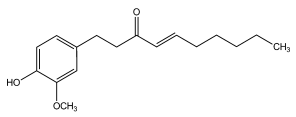
Sesamoside		Product # 83340
	CAS #	[117479-87-5]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{12}$ / 420.37 g/mol
	Synonyms	–

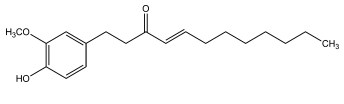
Shanzhiside		Product # 83909
	CAS #	[29836-27-9]
	Molecular formula / Molecular weight	$C_{16}H_{24}O_{11}$ / 392.36 g/mol
	Synonyms	–

Shanzhiside methyl ester		Product # 82651
	CAS #	[64421-28-9]
	Molecular formula / Molecular weight	$C_{17}H_{26}O_{11}$ / 406.39 g/mol
	Synonyms	–

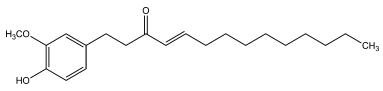
Shatavarin IV		Product # 80536
	CAS #	[84633-34-1]
	Molecular formula / Molecular weight	$C_{45}H_{74}O_{17}$ / 887.08 g/mol
	Synonyms	Asparanin B; Curillin H

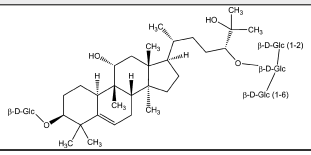
Shikonin		Product # 89791
	CAS #	[517-89-5]
	Molecular formula / Molecular weight	$C_{16}H_{16}O_5$ / 288.30 g/mol
	Synonyms	Isoarnebin 4; Shikonin S; Tokyo Violet

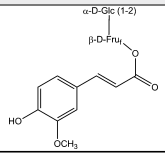
6-Shogaol		Product # 89792
	CAS #	[555-66-8]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_3$ / 276.38 g/mol
	Synonyms	–

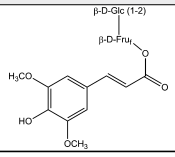
8-Shogaol		Product # 83910
	CAS #	[36700-45-5]
	Molecular formula / Molecular weight	$C_{19}H_{28}O_3$ / 304.42 g/mol
	Synonyms	–

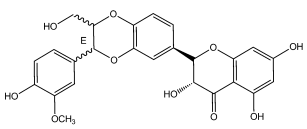
If your substance is missing please check our alphabetical index of synonyms on page 156.

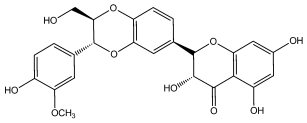
10-Shogaol		Product # 83911
	CAS #	[36752-54-2]
	Molecular formula / Molecular weight	$C_{21}H_{32}O_3$ / 332.48 g/mol
	Synonyms	–

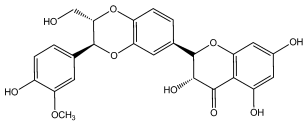
Siamenoside I		Product # 82652
	CAS #	[126105-12-2]
	Molecular formula / Molecular weight	$C_{54}H_{92}O_{24}$ / 1125.31 g/mol
	Synonyms	–

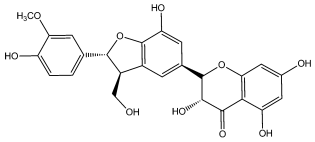
Sibiricose A5		Product # 84257
	CAS #	[107912-97-0]
	Molecular formula / Molecular weight	$C_{22}H_{30}O_{14}$ / 518.47 g/mol
	Synonyms	Arillanin B; 3-O-Feruloylsucrose

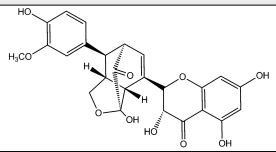
Sibiricose A6		Product # 84258
	CAS #	[241125-75-7]
	Molecular formula / Molecular weight	$C_{23}H_{32}O_{15}$ / 548.49 g/mol
	Synonyms	3-O-Sinapoylsucrose

Silybin (A + B mixture)		Product # 89280
	CAS #	[36804-17-8] (Silybin A = [22888-70-6], Silybin B = [142797-34-0])
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	–

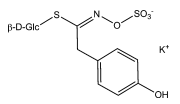
Silybin A		Product # 82653
	CAS #	[22888-70-6]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	Silybin b1; Silybum substance E6; Silymarin I

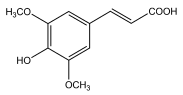
Silybin B		Product # 82654
	CAS #	[142797-34-0]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	Silybin a1

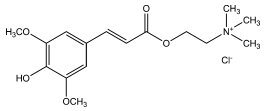
Silychristin		Product # 89281
	CAS #	[33889-69-9]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	Silymarin II

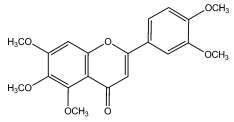
Silydianin		Product # 89282
	CAS #	[29782-68-1]
	Molecular formula / Molecular weight	$C_{25}H_{22}O_{10}$ / 482.44 g/mol
	Synonyms	–

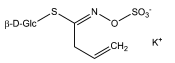
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

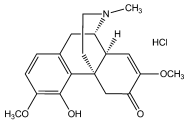
Sinalbin potassium salt		Product # 89793
	CAS #	[16411-05-5]
	Molecular formula / Molecular weight	$C_{14}H_{18}NO_{10}S_2K$ / 463.52 g/mol
	Synonyms	Glucosinalbin potassium salt; p-Hydroxybenzylglucosinolate potassium salt

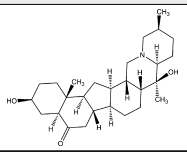
trans-Sinapic acid		Product # 80007
	CAS #	[7362-37-0]
	Molecular formula / Molecular weight	$C_{11}H_{12}O_5$ / 224.21 g/mol
	Synonyms	trans-4-Hydroxy 3,5-dimethoxycinnamic acid; trans-Sinapinic acid

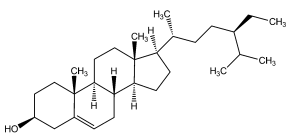
Sinapine chloride		Product # 84156
	CAS #	[6484-80-6]
	Molecular formula / Molecular weight	$C_{16}H_{24}NO_5Cl$ / 345.82 g/mol
	Synonyms	Sinapic acid choline ester chloride

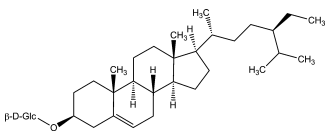
Sinensetin		Product # 89278
	CAS #	[2306-27-6]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_7$ / 372.38 g/mol
	Synonyms	Pedalitin permethyl ether; 3',4',5,6,7-Pentamethoxyflavone

Sinigrin potassium salt		Product # 89279
	CAS #	[3952-98-5]
	Molecular formula / Molecular weight	$C_{10}H_{16}NO_9S_2K$ / 397.47 g/mol
	Synonyms	Allylglucosinolate potassium salt; 2-Propenyl glucosinolate potassium salt

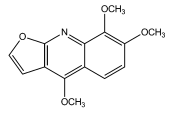
Sinomenine hydrochloride		Product # 89794
	CAS #	[6080-33-7]
	Molecular formula / Molecular weight	$C_{19}H_{23}NO_4 \times HCl$ / 365.86 g/mol
	Synonyms	Cucoline hydrochloride; Kukoline hydrochloride

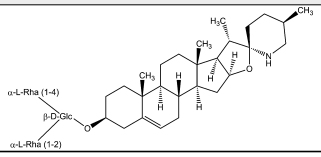
Sipeimine		Product # 89851
	CAS #	[61825-98-7]
	Molecular formula / Molecular weight	$C_{27}H_{43}NO_3$ / 429.65 g/mol
	Synonyms	Imperialine; Kashmirine

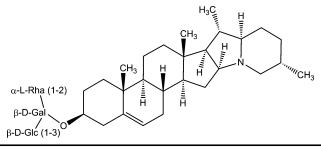
β-Sitosterol		Product # 89283
	CAS #	[83-46-5]
	Molecular formula / Molecular weight	$C_{29}H_{50}O$ / 414.72 g/mol
	Synonyms	α-Dihydrofucosterol; 22,23-Dihydrostigmasterol; 24α-Ethylcholesterol; Nimbosterol; α-Phytosterol; β-Sitosterin; Stigmast 5-ene 3β-ol

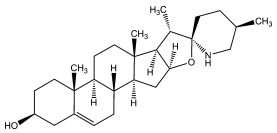
β-Sitosterol D-glucoside		Product # 80538
	CAS #	[474-58-8]
	Molecular formula / Molecular weight	$C_{35}H_{60}O_6$ / 576.86 g/mol
	Synonyms	Coriandrinol; Daucosterin; β-Daucosterol; Eleutheroside A

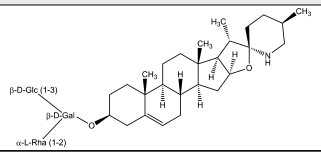
If your substance is missing please check our alphabetical index of synonyms on page 156.

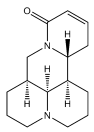
Skimmianine		Product # 82838
	CAS #	[83-95-4]
	Molecular formula / Molecular weight	$C_{14}H_{13}NO_4$ / 259.26 g/mol
	Synonyms	Chloroxylonine; β-Fagarine

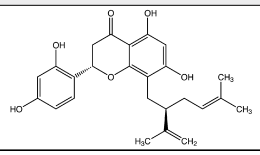
α-Solamargine		Product # 83270
	CAS #	[20311-51-7]
	Molecular formula / Molecular weight	$C_{45}H_{73}NO_{15}$ / 868.08 g/mol
	Synonyms	δ-Solanigrine

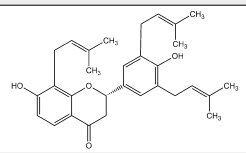
α-Solanine		Product # 80074
	CAS #	[20562-02-1]
	Molecular formula / Molecular weight	$C_{45}H_{73}NO_{15}$ / 868.08 g/mol
	Synonyms	–

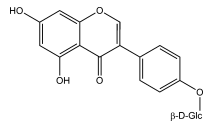
Solasodine		Product # 80004
	CAS #	[126-17-0]
	Molecular formula / Molecular weight	$C_{27}H_{43}NO_2$ / 413.65 g/mol
	Synonyms	Purapuridine; Solancarpidine; Solasod 5-ene 3β-ol

α-Solasonine		Product # 83271
	CAS #	[19121-58-5]
	Molecular formula / Molecular weight	$C_{45}H_{73}NO_{16}$ / 884.07 g/mol
	Synonyms	–

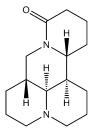
Sophocarpine		Product # 80539
	CAS #	[6483-15-4]
	Molecular formula / Molecular weight	$C_{15}H_{22}N_2O$ / 246.35 g/mol
	Synonyms	13,14-Didehydromatrine

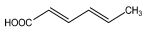
Sophoraflavanone G		Product # 83544
	CAS #	[97938-30-2]
	Molecular formula / Molecular weight	$C_{25}H_{28}O_6$ / 424.50 g/mol
	Synonyms	Kushenol F; Norkurarinone; Vexibinol

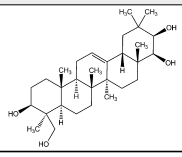
(-)-Sophoranone		Product # 82867
	CAS #	[23057-55-8]
	Molecular formula / Molecular weight	$C_{30}H_{36}O_4$ / 460.60 g/mol
	Synonyms	–

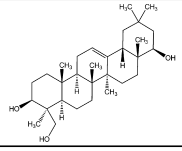
Sophoricoside		Product # 89795
	CAS #	[152-95-4]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Genistein 4'-O-glucoside; 4',5,7-Trihydroxyisoflavone 4'-O-glucoside

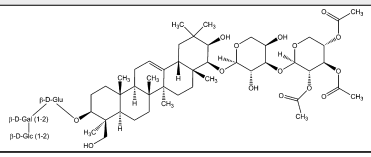
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

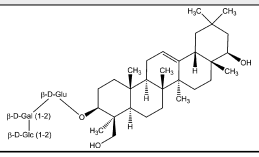
Sophoridine		Product # 80540
	CAS #	[6882-68-4]
	Molecular formula / Molecular weight	$C_{15}H_{24}N_2O$ / 248.36 g/mol
	Synonyms	Dihydro 5-episophocarpine; 5-Epidihydrosophocarpine; 5β-Matridin 15-one

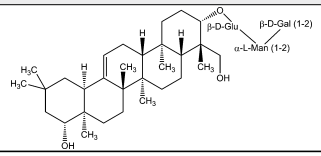
Sorbic acid		Product # 80020
	CAS #	[110-44-1]
	Molecular formula / Molecular weight	$C_6H_8O_2$ / 112.13 g/mol
	Synonyms	2E,4E-Hexadienoic acid

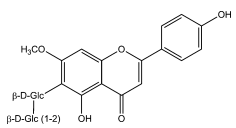
Soyasapogenol A		Product # 89796
	CAS #	[508-01-0]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_4$ / 474.73 g/mol
	Synonyms	Soyasapogenin A

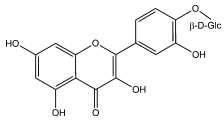
Soyasapogenol B		Product # 89797
	CAS #	[595-15-3]
	Molecular formula / Molecular weight	$C_{30}H_{50}O_3$ / 458.73 g/mol
	Synonyms	Soyasapogenin B; Soyasapogenol I

Soyasaponin Aa		Product # 84259
	CAS #	[117230-33-8]
	Molecular formula / Molecular weight	$C_{64}H_{100}O_{31}$ / 1365.46 g/mol
	Synonyms	–

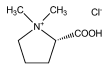
Soyasaponin Ba		Product # 84260
	CAS #	[114590-20-4]
	Molecular formula / Molecular weight	$C_{48}H_{78}O_{19}$ / 959.12 g/mol
	Synonyms	Soyasaponin M2; Soyasaponin V

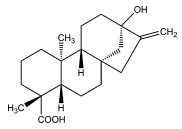
Soyasaponin Bb		Product # 83545
	CAS #	[51330-27-9]
	Molecular formula / Molecular weight	$C_{48}H_{78}O_{18}$ / 943.14 g/mol
	Synonyms	Soyasaponin B-I; Soyasaponin I

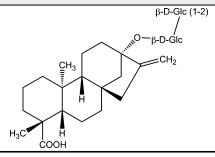
Spinosin		Product # 83284
	CAS #	[72063-39-9]
	Molecular formula / Molecular weight	$C_{28}H_{32}O_{15}$ / 608.55 g/mol
	Synonyms	Flavoayamenin

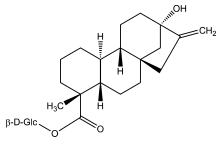
Spiraeoside		Product # 89798
	CAS #	[20229-56-5]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{12}$ / 464.38 g/mol
	Synonyms	3,3',4',5,7-Pentahydroxyflavone 4'-glucoside; Quercetin 4'-glucoside; Spiraein

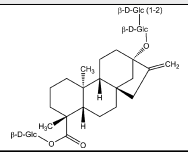
If your substance is missing please check our alphabetical index of synonyms on page 156.

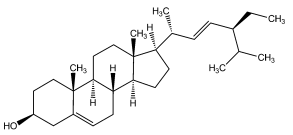
Stachydrine chloride		Product # 89799
	CAS #	[4136-37-2]
	Molecular formula / Molecular weight	$C_7H_{14}NO_2Cl$ / 179.65 g/mol
	Synonyms	Cadabine hydrochloride

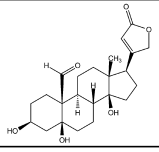
Steviol		Product # 82262
	CAS #	[471-80-7]
	Molecular formula / Molecular weight	$C_{20}H_{30}O_3$ / 318.46 g/mol
	Synonyms	13-Hydroxykaurenoic acid

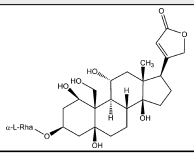
Steviolbioside		Product # 82399
	CAS #	[41093-60-1]
	Molecular formula / Molecular weight	$C_{32}H_{50}O_{13}$ / 642.74 g/mol
	Synonyms	–

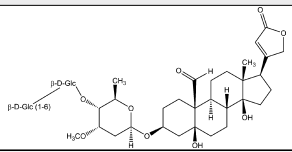
Steviol 19-glucoside		Product # 84261
	CAS #	[64977-89-5]
	Molecular formula / Molecular weight	$C_{26}H_{40}O_8$ / 480.59 g/mol
	Synonyms	–

Stevioside		Product # 89800
	CAS #	[57817-89-7]
	Molecular formula / Molecular weight	$C_{38}H_{60}O_{18}$ / 804.89 g/mol
	Synonyms	Steviosin

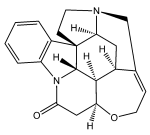
Stigmasterol		Product # 82658
	CAS #	[83-48-7]
	Molecular formula / Molecular weight	$C_{29}H_{48}O$ / 412.70 g/mol
	Synonyms	Stigmasta 5,22-diene 3β-ol; Stigmasterin

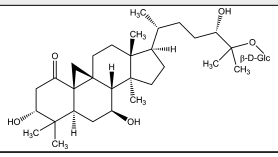
Strophanthidine		Product # 83215
	CAS #	[66-28-4]
	Molecular formula / Molecular weight	$C_{23}H_{32}O_6$ / 404.50 g/mol
	Synonyms	Apocymarin; Convallatoxigenin; Corchorin; Corchoside A aglycone; Corchsularin; Erysimupicrone; k-Strophanthidine

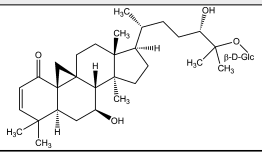
g-Strophanthin		Product # 80207
	CAS #	[630-60-4]
	Molecular formula / Molecular weight	$C_{29}H_{44}O_{12}$ / 584.66 g/mol
	Synonyms	Acocantherin; Astrobain; Gratibain; Gratus strophanthin; Kombetin; Ouabain

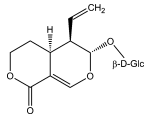
k-Strophanthoside		Product # 82206
	CAS #	[33279-57-1]
	Molecular formula / Molecular weight	$C_{42}H_{64}O_{19}$ / 872.96 g/mol
	Synonyms	–

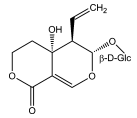
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

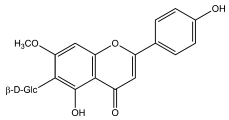
Strychnin		Product # 89801
	CAS #	[57-24-9]
	Molecular formula / Molecular weight	$C_{21}H_{22}N_2O_2$ / 334.42 g/mol
	Synonyms	–

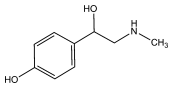
Sutherlandioside B		Product # 83248
	CAS #	[1055329-47-9]
	Molecular formula / Molecular weight	$C_{36}H_{60}O_{10}$ / 652.87 g/mol
	Synonyms	–

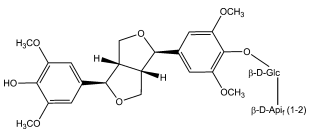
Sutherlandioside D		Product # 83249
	CAS #	[1055329-49-1]
	Molecular formula / Molecular weight	$C_{36}H_{58}O_9$ / 634.85 g/mol
	Synonyms	–

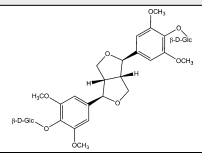
Sweroside		Product # 89802
	CAS #	[14215-86-2]
	Molecular formula / Molecular weight	$C_{16}H_{22}O_9$ / 358.35 g/mol
	Synonyms	–

Swertiamarine		Product # 89513
	CAS #	[17388-39-5]
	Molecular formula / Molecular weight	$C_{16}H_{22}O_{10}$ / 374.35 g/mol
	Synonyms	Swertiamaroside

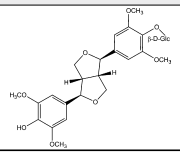
Swertisin		Product # 83912
	CAS #	[6991-10-2]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{10}$ / 446.40 g/mol
	Synonyms	4',5-Dihydroxy 7-methoxyflavone 6-C-glucoside; Flavocommelitin; Genkwanin 6-C-glucoside; 7-O-Methylapigenin 6-C-glucoside

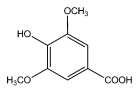
Synephrine		Product # 89386
	CAS #	[94-07-5]
	Molecular formula / Molecular weight	$C_9H_{13}NO_2$ / 167.21 g/mol
	Synonyms	Sympaethamine; Sympathol

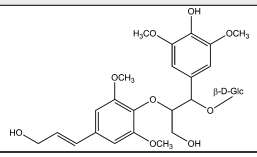
(-)-Syringaresinol 4-(2''-apiosylglucoside)		Product # 84262
	CAS #	[136997-64-3]
	Molecular formula / Molecular weight	$C_{33}H_{44}O_{17}$ / 712.69 g/mol
	Synonyms	–

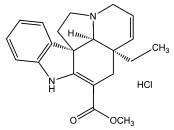
(-)-Syringaresinol 4,4'-di-O-β-D-glucoside		Product # 83913
	CAS #	[66791-77-3]
	Molecular formula / Molecular weight	$C_{34}H_{46}O_{18}$ / 742.72 g/mol
	Synonyms	–

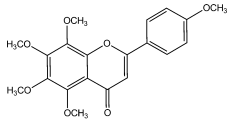
If your substance is missing please check our alphabetical index of synonyms on page 156.

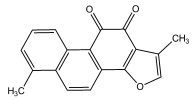
(-)-Syringaresinol 4-O-β-D-glucoside		Product # 83914
	CAS #	[137038-13-2]
	Molecular formula / Molecular weight	$C_{28}H_{36}O_{13}$ / 580.58 g/mol
	Synonyms	–

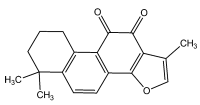
Syringic acid		Product # 82659
	CAS #	[530-57-4]
	Molecular formula / Molecular weight	$C_9H_{10}O_5$ / 198.18 g/mol
	Synonyms	Cedar acid; Gallic acid 3,5-dimethyl ether; 4-Hydroxy 3,5-dimethoxybenzoic acid

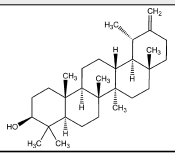
Syringylglycerol 8-O-4'-sinapyl ether 7-glucoside		Product # 84273
	CAS #	[415724-47-9]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_{14}$ / 598.59 g/mol
	Synonyms	–

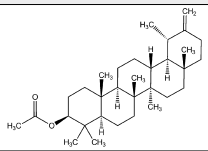
Tabersonine hydrochloride		Product # 80541
	CAS #	[29479-00-3]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_2 \times HCl$ / 372.90 g/mol
	Synonyms	–

Tangeretin		Product # 89803
	CAS #	[481-53-8]
	Molecular formula / Molecular weight	$C_{20}H_{20}O_7$ / 372.38 g/mol
	Synonyms	4',5,6,7,8-Pentamethoxyflavone; Ponkanetin

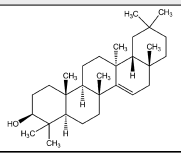
Tanshinone I		Product # 89804
	CAS #	[568-73-0]
	Molecular formula / Molecular weight	$C_{18}H_{12}O_3$ / 276.29 g/mol
	Synonyms	Tanshinone A

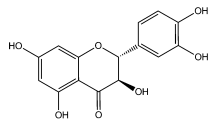
Tanshinone IIA		Product # 89320
	CAS #	[568-72-9]
	Molecular formula / Molecular weight	$C_{19}H_{18}O_3$ / 294.35 g/mol
	Synonyms	Dan Shen ketone; Tanshinone II; Tanshinone B

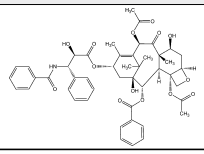
Taraxasterol		Product # 84272
	CAS #	[1059-14-9]
	Molecular formula / Molecular weight	$C_{30}H_{50}O$ / 426.72 g/mol
	Synonyms	Isolactucerol; Lactucerol; Saussurol

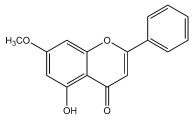
Taraxasterol acetate		Product # 80542
	CAS #	[6426-43-3]
	Molecular formula / Molecular weight	$C_{32}H_{52}O_2$ / 468.77 g/mol
	Synonyms	Isolactucerol acetate; Pyrethrol acetate; Saussurol acetate

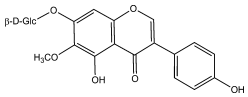
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

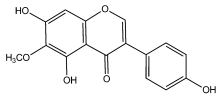
3β-Taraxerol		Product # 83262
	CAS #	[127-22-0]
	Molecular formula / Molecular weight	$C_{30}H_{50}O$ / 426.73 g/mol
	Synonyms	Alnulin; Skimmiol; Tiliadin

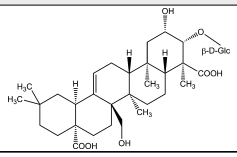
(+)-Taxifolin		Product # 89284
	CAS #	[480-18-2]
	Molecular formula / Molecular weight	$C_{15}H_{12}O_7$ / 304.26 g/mol
	Synonyms	Dihydroquercetin; 3,3',4',5,7-Pentahydroxyflavanone

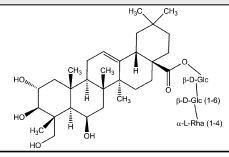
Taxol		Product # 89806
	CAS #	[33069-62-4]
	Molecular formula / Molecular weight	$C_{47}H_{51}NO_{14}$ / 853.92 g/mol
	Synonyms	Paclitaxel; Taxol A; Yewtaxan

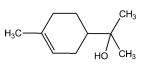
Tectochrysin		Product # 83915
	CAS #	[520-28-5]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_4$ / 268.26 g/mol
	Synonyms	5-Hydroxy 7-methoxyflavone; 7-Methylchrysin

Tectoridin		Product # 80543
	CAS #	[611-40-5]
	Molecular formula / Molecular weight	$C_{22}H_{22}O_{11}$ / 462.41 g/mol
	Synonyms	Shekanin; Tectorigenin 7-glucoside; 4',5,7-Trihydroxy 6-methoxyisoflavone 7-glucoside

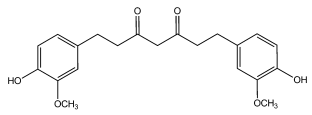
Tectorigenin		Product # 80544
	CAS #	[548-77-6]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_6$ / 300.27 g/mol
	Synonyms	Tectrigenin; 4',5,7-Trihydroxy 6-methoxyisoflavone

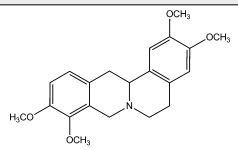
Tenuifolin		Product # 83546
	CAS #	[20183-47-5]
	Molecular formula / Molecular weight	$C_{36}H_{56}O_{12}$ / 680.84 g/mol
	Synonyms	Presenegenin 3-glucoside

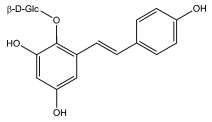
Terminoloside		Product # 84263
	CAS #	[125265-68-1]
	Molecular formula / Molecular weight	$C_{48}H_{78}O_{20}$ / 975.12 g/mol
	Synonyms	Asiaticoside B

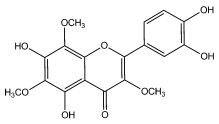
α-Terpineol		Product # 89872
	CAS #	[98-55-5]
	Molecular formula / Molecular weight	$C_{10}H_{18}O$ / 154.25 g/mol
	Synonyms	p-Menth 1-ene 8-ol

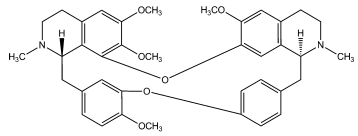
If your substance is missing please check our alphabetical index of synonyms on page 156.

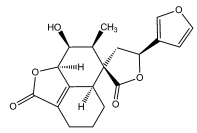
Tetrahydrocurcumin		Product # 82665
	CAS #	[36062-04-1]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_6$ / 372.42 g/mol
	Synonyms	Tetrahydrodiferuloylmethane

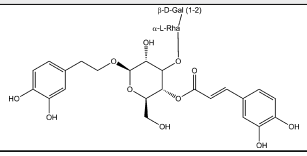
Tetrahydropalmatine		Product # 89807
	CAS #	[2934-97-6]
	Molecular formula / Molecular weight	$C_{21}H_{25}NO_4$ / 355.44 g/mol
	Synonyms	Corydalis B; 2,3,9,10-Tetramethoxyberbine

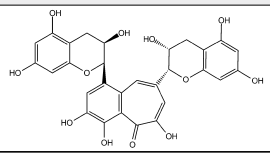
2,3,4',5-Tetrahydroxystilbene 2-glucoside		Product # 82666
	CAS #	[82373-94-2]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_9$ / 406.39 g/mol
	Synonyms	–

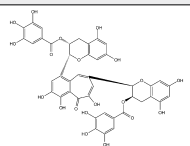
3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone		Product # 82667
	CAS #	[61451-85-2]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_9$ / 376.32 g/mol
	Synonyms	–

Tetrandrine		Product # 89321
	CAS #	[518-34-3]
	Molecular formula / Molecular weight	$C_{38}H_{42}N_2O_6$ / 622.76 g/mol
	Synonyms	Fanchinine; Hanfangchin A; Sinomenine A

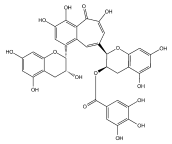
Teucrin A		Product # 89285
	CAS #	[12798-51-5]
	Molecular formula / Molecular weight	$C_{19}H_{20}O_6$ / 344.37 g/mol
	Synonyms	–

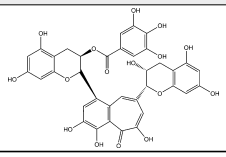
Teupolioside		Product # 84192
	CAS #	[143617-02-1]
	Molecular formula / Molecular weight	$C_{35}H_{46}O_{20}$ / 786.73 g/mol
	Synonyms	Lamiuside A; Lamalboside

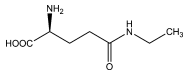
Theaflavin		Product # 83341
	CAS #	[4670-05-7]
	Molecular formula / Molecular weight	$C_{29}H_{24}O_{12}$ / 564.50 g/mol
	Synonyms	Theaflavin 1

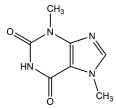
Theaflavin 3,3'-digallate		Product # 83344
	CAS #	[30462-35-2]
	Molecular formula / Molecular weight	$C_{43}H_{32}O_{20}$ / 868.72 g/mol
	Synonyms	Theaflavin 3

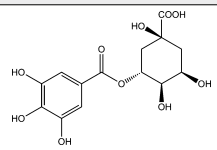
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

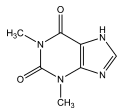
Theaflavin 3-gallate		Product # 83342
	CAS #	[30462-34-1]
	Molecular formula / Molecular weight	$C_{36}H_{28}O_{16}$ / 716.61 g/mol
	Synonyms	Theaflavin 2; Theaflavin 2A; Theaflavin monogallate A

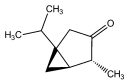
Theaflavin 3'-gallate		Product # 83343
	CAS #	[28543-07-9]
	Molecular formula / Molecular weight	$C_{36}H_{28}O_{16}$ / 716.61 g/mol
	Synonyms	Theaflavin 2B; Theaflavin monogallate B

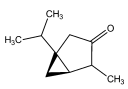
L-Theanine		Product # 82213
	CAS #	[3081-61-6]
	Molecular formula / Molecular weight	$C_7H_{14}N_2O_3$ / 174.20 g/mol
	Synonyms	N-Ethyl L-glutamine

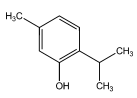
Theobromine		Product # 89808
	CAS #	[83-67-0]
	Molecular formula / Molecular weight	$C_7H_8N_4O_2$ / 180.17 g/mol
	Synonyms	3,7-Dimethylxanthine

Theogallin		Product # 83569
	CAS #	[17365-11-6]
	Molecular formula / Molecular weight	$C_{14}H_{16}O_{10}$ / 344.27 g/mol
	Synonyms	3-Galloylquinic acid; Quinic acid 3-gallate

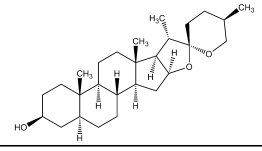
Theophylline		Product # 82668
	CAS #	[58-55-9]
	Molecular formula / Molecular weight	$C_7H_8N_4O_2$ / 180.17 g/mol
	Synonyms	1,3-Dimethylxanthine

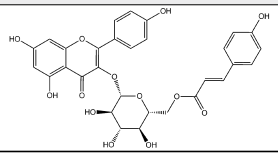
(-)-α-Thujone		Product # 89286
	CAS #	[546-80-5]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	3-Thujanone

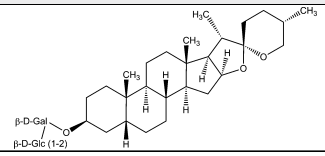
α,β-Thujone		Product # 82669
	CAS #	[76231-76-0]
	Molecular formula / Molecular weight	$C_{10}H_{16}O$ / 152.24 g/mol
	Synonyms	–

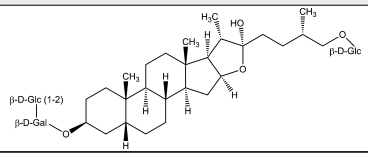
Thymol		Product # 89287
	CAS #	[89-83-8]
	Molecular formula / Molecular weight	$C_{10}H_{14}O$ / 150.22 g/mol
	Synonyms	–

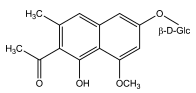
If your substance is missing please check our alphabetical index of synonyms on page 156.

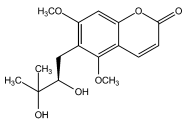
Tigogenin		Product # 83916
	CAS #	[77-60-1]
	Molecular formula / Molecular weight	$C_{27}H_{44}O_3$ / xx g/mol
	Synonyms	–

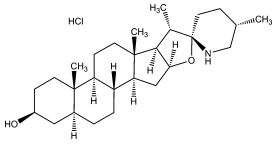
Tiliroside		Product # 89809
	CAS #	[20316-62-5]
	Molecular formula / Molecular weight	$C_{30}H_{26}O_{13}$ / 594.53 g/mol
	Synonyms	Astragalin 6"-trans-p-coumarate; Kaempferol 3-(6"-trans-p-coumaroyl)glucoside; Potengriffioside A; 3,4',5,7-Tetrahydroxyflavone 3-(6"-trans-p-coumaroyl)glucoside

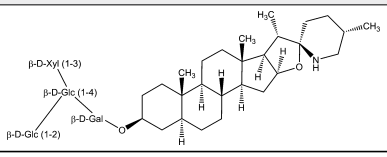
Timosaponin A III		Product # 80545
	CAS #	[41059-79-4]
	Molecular formula / Molecular weight	$C_{39}H_{64}O_{13}$ / 740.93 g/mol
	Synonyms	Anemarsaponin A 3; Filiferin B; Xilingsaponin A; Zhi-mu saponin

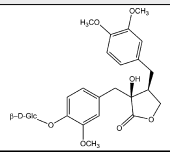
Timosaponin B II		Product # 83272
	CAS #	[136656-07-0]
	Molecular formula / Molecular weight	$C_{45}H_{76}O_{19}$ / 921.09 g/mol
	Synonyms	Prototimosaponin A III

Tinnevellin glucoside		Product # 83917
	CAS #	[80358-06-1]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_9$ / 408.40 g/mol
	Synonyms	–

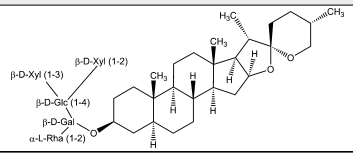
Toddalolactone		Product # 83291
	CAS #	[483-90-9]
	Molecular formula / Molecular weight	$C_{16}H_{20}O_6$ / 308.33 g/mol
	Synonyms	–

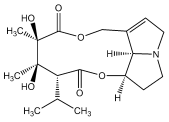
Tomatidine hydrochloride		Product # 80003
	CAS #	[6192-62-7]
	Molecular formula / Molecular weight	$C_{27}H_{45}NO_2 \times HCl$ / 452.12 g/mol
	Synonyms	–

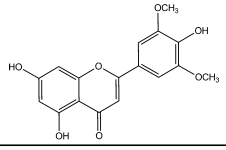
Tomatine		Product # 89905
	CAS #	[17406-45-0]
	Molecular formula / Molecular weight	$C_{50}H_{83}NO_{21}$ / 1034.21 g/mol
	Synonyms	Lycopersicin

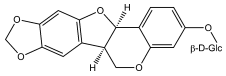
Tracheloside		Product # 83547
	CAS #	[33464-71-0]
	Molecular formula / Molecular weight	$C_{27}H_{34}O_{12}$ / 550.56 g/mol
	Synonyms	8'-Hydroxyarctigenin 4'-glucoside; 2-Hydroxyarctiin

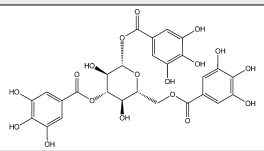
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

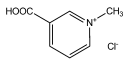
Tribulosin	Product # 80546
	CAS # [79974-46-2] Molecular formula / Molecular weight $C_{55}H_{90}O_{25}$ / 1151.31 g/mol Synonyms –

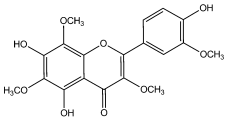
Trichodesmine	Product # 83438
	CAS # [548-90-3] Molecular formula / Molecular weight $C_{18}H_{27}NO_6$ / 353.41 g/mol Synonyms –

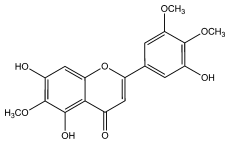
Tricin	Product # 80987
	CAS # [520-32-1] Molecular formula / Molecular weight $C_{17}H_{14}O_7$ / 330.29 g/mol Synonyms 4',5,7-Trihydroxy 3',5'-dimethoxyflavone

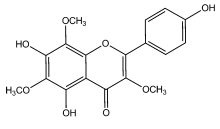
Trifolirhizin	Product # 80547
	CAS # [6807-83-6] Molecular formula / Molecular weight $C_{22}H_{22}O_{10}$ / 446.41 g/mol Synonyms (-)-Maackiain 3-O-glucoside; Sophojaponicin B1

1,3,6-Trigalloyl β-D-glucose	Product # 80631
	CAS # [18483-17-5] Molecular formula / Molecular weight $C_{27}H_{24}O_{18}$ / 636.48 g/mol Synonyms –

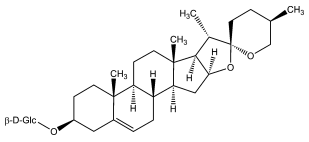
Trigonelline chloride	Product # 80548
	CAS # [6138-41-6] Molecular formula / Molecular weight $C_7H_8NO_2Cl$ / 173.60 g/mol Synonyms –

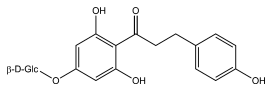
4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone	Product # 82674
	CAS # [58130-91-9] Molecular formula / Molecular weight $C_{19}H_{18}O_9$ / 390.35 g/mol Synonyms –

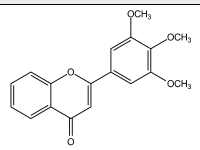
3',5,7-Trihydroxy 4',5',6-trimethoxyflavone	Product # 84264
	CAS # [78417-26-2] Molecular formula / Molecular weight $C_{18}H_{16}O_8$ / 360.31 g/mol Synonyms –

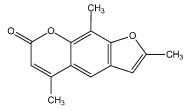
4',5,7-Trihydroxy 3,6,8-trimethoxyflavone	Product # 82675
	CAS # [57393-71-2] Molecular formula / Molecular weight $C_{18}H_{16}O_8$ / 360.32 g/mol Synonyms Sarothrin

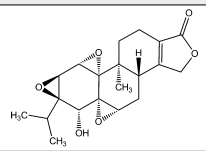
If your substance is missing please check our alphabetical index of synonyms on page 156.

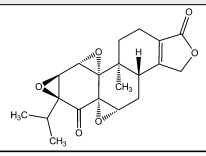
Trillin		Product # 89810
	CAS #	[14144-06-0]
	Molecular formula / Molecular weight	$C_{33}H_{52}O_8$ / 576.77 g/mol
	Synonyms	Alliumoside A; Collettiside I; Diosgenin β-D-glucoside; Funkioside A; Lilioglycoside A; Melongoside B; Polygonatoside A; Polyphyllin A; Prosapogenin D'3

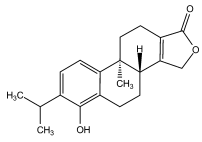
Trilobatin		Product # 83918
	CAS #	[4192-90-9]
	Molecular formula / Molecular weight	$C_{21}H_{24}O_{10}$ / 436.41 g/mol
	Synonyms	Phloretin 4'-glucoside; p-Phloridzin; p-Phlorizin; Prunin dihydrochalcone

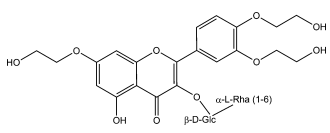
3',4',5'-Trimethoxyflavone		Product # 83054
	CAS #	[67858-30-4]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_5$ / 312.32 g/mol
	Synonyms	–

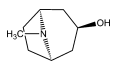
Trioxsalen		Product # 80322
	CAS #	[3902-71-4]
	Molecular formula / Molecular weight	$C_{14}H_{12}O_3$ / 228.25 g/mol
	Synonyms	Trimethylpsoralen; Trisoralen

Triptolide		Product # 89811
	CAS #	[38748-32-2]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_6$ / 360.41 g/mol
	Synonyms	–

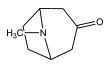
Triptonide		Product # 89812
	CAS #	[38647-11-9]
	Molecular formula / Molecular weight	$C_{20}H_{22}O_6$ / 358.39 g/mol
	Synonyms	–

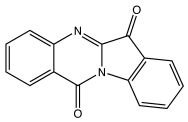
Triptophenolide		Product # 89813
	CAS #	[74285-86-2]
	Molecular formula / Molecular weight	$C_{20}H_{24}O_3$ / 312.41 g/mol
	Synonyms	Hypolide

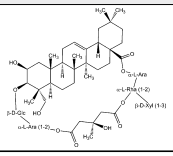
Tris-O-(2-hydroxyethyl)rutin		Product # 80250
	CAS #	[7085-55-4]
	Molecular formula / Molecular weight	$C_{33}H_{42}O_{19}$ / 742.69 g/mol
	Synonyms	Troxerutin

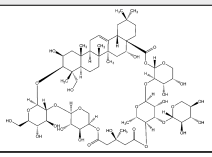
Tropine		Product # 84096
	CAS #	[120-29-6]
	Molecular formula / Molecular weight	$C_8H_{15}NO$ / 141.21 g/mol
	Synonyms	Tropanol

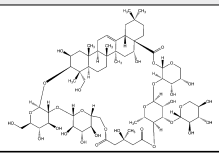
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

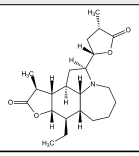
Tropinone		Product # 84095
	CAS #	[532-24-1]
	Molecular formula / Molecular weight	$C_8H_{13}NO$ / 139.19 g/mol
	Synonyms	–

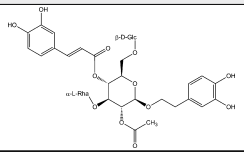
Tryptanthrine		Product # 83458
	CAS #	[13220-57-0]
	Molecular formula / Molecular weight	$C_{15}H_8N_2O_2$ / 248.24 g/mol
	Synonyms	Couroupitine A

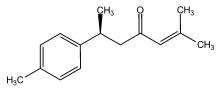
Tubeimoside I		Product # 80550
	CAS #	[102040-03-9]
	Molecular formula / Molecular weight	$C_{63}H_{98}O_{29}$ / 1319.46 g/mol
	Synonyms	Lobatoside H; Tubeimoside A

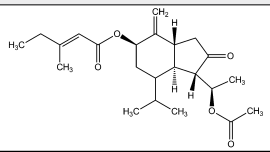
Tubeimoside II		Product # 84265
	CAS #	[115810-12-3]
	Molecular formula / Molecular weight	$C_{63}H_{98}O_{30}$ / 1335.43 g/mol
	Synonyms	Tubeimoside B

Tubeimoside III		Product # 84266
	CAS #	[115810-13-4]
	Molecular formula / Molecular weight	$C_{64}H_{100}O_{31}$ / 1365.46 g/mol
	Synonyms	Tubeimoside C

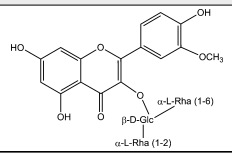
Tuberostemonine		Product # 83300
	CAS #	[6879-01-2]
	Molecular formula / Molecular weight	$C_{22}H_{33}NO_4$ / 375.51 g/mol
	Synonyms	–

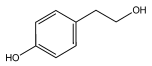
Tubuloside A		Product # 84267
	CAS #	[112516-05-9]
	Molecular formula / Molecular weight	$C_{37}H_{48}O_{21}$ / 828.76 g/mol
	Synonyms	–

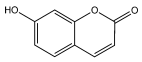
ar-Turmerone		Product # 80551
	CAS #	[532-65-0]
	Molecular formula / Molecular weight	$C_{15}H_{20}O$ / 216.32 g/mol
	Synonyms	–

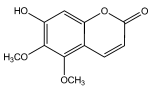
Tussilagone		Product # 83299
	CAS #	[104012-37-5]
	Molecular formula / Molecular weight	$C_{23}H_{34}O_5$ / 390.52 g/mol
	Synonyms	–

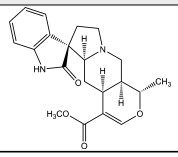
If your substance is missing please check our alphabetical index of synonyms on page 156.

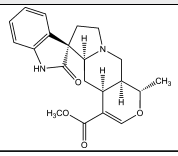
Typhaneoside		**Product # 82676**
	CAS #	[104472-68-6]
	Molecular formula / Molecular weight	$C_{34}H_{42}O_{20}$ / 770.69 g/mol
	Synonyms	Isorhamnetin 3-(2''-rhamnosylrutinoside); 3,4',5,7-Tetrahydroxy 3'-methoxyflavone 3-(2''-rhamnosylrutinoside)

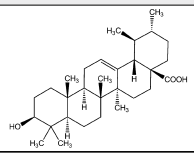
Tyrosol		**Product # 80166**
	CAS #	[501-94-0]
	Molecular formula / Molecular weight	$C_8H_{10}O_2$ / 138.17 g/mol
	Synonyms	p-Hydroxyphenethyl alcohol

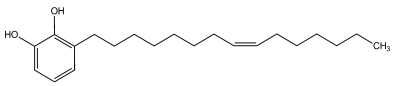
Umbelliferone		**Product # 80098**
	CAS #	[93-35-6]
	Molecular formula / Molecular weight	$C_9H_6O_3$ / 162.15 g/mol
	Synonyms	Hydrangin; 7-Hydroxycoumarin; Skimmetin

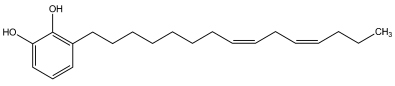
Umckalin		**Product # 80144**
	CAS #	[43053-62-9]
	Molecular formula / Molecular weight	$C_{11}H_{10}O_5$ / 222.20 g/mol
	Synonyms	7-Hydroxy 5,6-dimethoxycoumarin

Uncarine C		**Product # 89814**
	CAS #	[5629-60-7]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_4$ / 368.43 g/mol
	Synonyms	Pteropodine

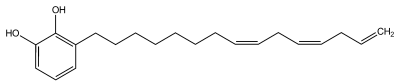
Uncarine E		**Product # 89816**
	CAS #	[5171-37-9]
	Molecular formula / Molecular weight	$C_{21}H_{24}N_2O_4$ / 368.43 g/mol
	Synonyms	Isopteropodine

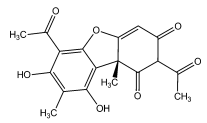
Ursolic acid		**Product # 89541**
	CAS #	[77-52-1]
	Molecular formula / Molecular weight	$C_{30}H_{48}O_3$ / 456.71 g/mol
	Synonyms	Bungeolic acid

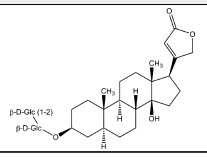
Urushiol (15:1)		**Product # 80180**
	CAS #	[35237-02-6]
	Molecular formula / Molecular weight	$C_{21}H_{34}O_2$ / 318.50 g/mol
	Synonyms	3-(8Z-Pentadecenyl) 1,2-benzenediol

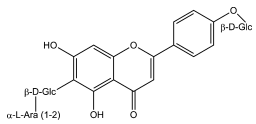
Urushiol (15:2)		**Product # 80181**
	CAS #	[83258-37-1]
	Molecular formula / Molecular weight	$C_{21}H_{32}O_2$ / 316.49 g/mol
	Synonyms	3-(8Z,11Z-Pentadecadienyl) 1,2-benzenediol

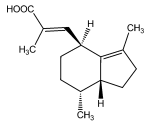
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

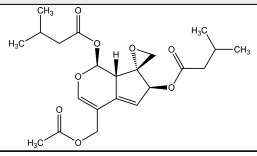
Urushiol (15:3)		Product # 80182
	CAS #	[83543-37-7]
	Molecular formula / Molecular weight	$C_{21}H_{30}O_2$ / 314.47 g/mol
	Synonyms	3-(8Z,11Z,14Z-Pentadecatrienyl) 1,2-benzenediol

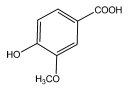
(+)-Usnic acid		Product # 89818
	CAS #	[7562-61-0]
	Molecular formula / Molecular weight	$C_{18}H_{16}O_7$ / 344.32 g/mol
	Synonyms	–

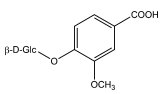
Uzarin		Product # 80833
	CAS #	[20231-81-6]
	Molecular formula / Molecular weight	$C_{35}H_{54}O_{14}$ / 698.79 g/mol
	Synonyms	Uzarigenin 3-sophoroside

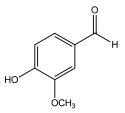
Vaccarin		Product # 83780
	CAS #	[53452-16-7]
	Molecular formula / Molecular weight	$C_{32}H_{38}O_{19}$ / 726.63 g/mol
	Synonyms	Apigenin 4'-O-glucoside 6-C-(2-arabinosylglucoside)

Valerenic acid		Product # 89288
	CAS #	[3569-10-6]
	Molecular formula / Molecular weight	$C_{15}H_{22}O_2$ / 234.34 g/mol
	Synonyms	–

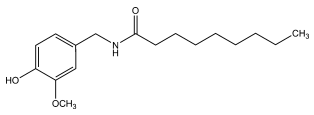
Valtrate		Product # 83949
	CAS #	[18296-44-1]
	Molecular formula / Molecular weight	$C_{22}H_{30}O_8$ / 422.47 g/mol
	Synonyms	Halazuchome B; Valepotriate; Valtratum

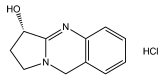
Vanillic acid		Product # 89819
	CAS #	[121-34-6]
	Molecular formula / Molecular weight	$C_8H_8O_4$ / 168.15 g/mol
	Synonyms	4-Hydroxy 3-methoxybenzoic acid

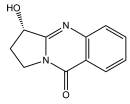
Vanillic acid 4-β-D-glucoside		Product # 89856
	CAS #	[32142-31-7]
	Molecular formula / Molecular weight	$C_{14}H_{18}O_9$ / 330.29 g/mol
	Synonyms	4-Hydroxy 3-methoxybenzoic acid 4-β-D-glucoside

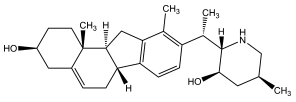
Vanillin		Product # 82678
	CAS #	[121-33-5]
	Molecular formula / Molecular weight	$C_8H_8O_3$ / 152.15 g/mol
	Synonyms	4-Hydroxy 3-methoxybenzaldehyde; Vanillic aldehyde

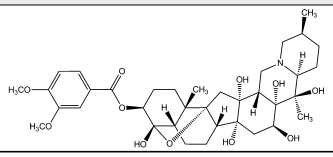
If your substance is missing please check our alphabetical index of synonyms on page 156.

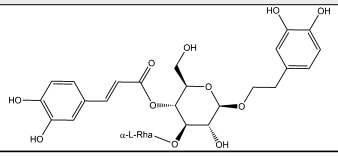
N-Vanillylnonamide		Product # 89820
	CAS #	[2444-46-4]
	Molecular formula / Molecular weight	$C_{17}H_{27}NO_3$ / 293.41 g/mol
	Synonyms	Nonanoic acid vanillylamide; Nonivamide; 8-Nordihydrocapsaicin; Pelargonic acid vanillylamide; Pseudocapsaicin; N-Vanillylpelargonamide

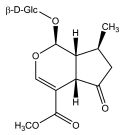
Vasicine hydrochloride		Product # 89821
	CAS #	[7174-27-8]
	Molecular formula / Molecular weight	$C_{11}H_{12}N_2O \times HCl$ / 224.69 g/mol
	Synonyms	Linarine hydrochloride; Peganine hydrochloride

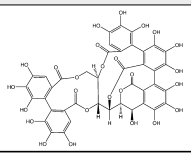
Vasicinone		Product # 80552
	CAS #	[486-64-6]
	Molecular formula / Molecular weight	$C_{11}H_{10}N_2O_2$ / 202.21 g/mol
	Synonyms	–

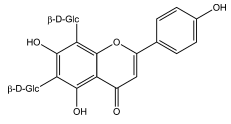
Veratramine		Product # 82679
	CAS #	[60-70-8]
	Molecular formula / Molecular weight	$C_{27}H_{39}NO_2$ / 409.61 g/mol
	Synonyms	–

Veratridine		Product # 82325
	CAS #	[71-62-5]
	Molecular formula / Molecular weight	$C_{36}H_{51}NO_{11}$ / 673.80 g/mol
	Synonyms	Veracevine veratrate; 3-Veratroylveracevine

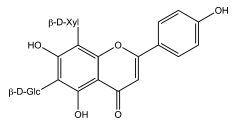
Verbascoside		Product # 89289
	CAS #	[61276-17-3]
	Molecular formula / Molecular weight	$C_{29}H_{36}O_{15}$ / 624.60 g/mol
	Synonyms	Acteoside; Kusaginin

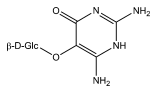
Verbenalin		Product # 89822
	CAS #	[548-37-8]
	Molecular formula / Molecular weight	$C_{17}H_{24}O_{10}$ / 388.37 g/mol
	Synonyms	Cornin; Verbenaloside

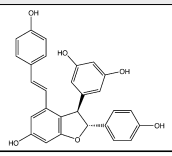
Vescalagin		Product # 83548
	CAS #	[36001-47-5]
	Molecular formula / Molecular weight	$C_{41}H_{26}O_{26}$ / 934.64 g/mol
	Synonyms	–

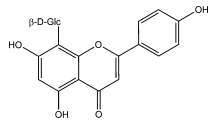
Vicenin II		Product # 83000
	CAS #	[23666-13-9]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.53 g/mol
	Synonyms	6,8-Di-C-glucosylapigenin; 4',5,7-Trihydroxyflavone 6,8-di-C-glucoside; Violantin

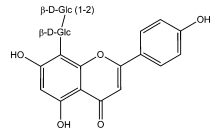
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

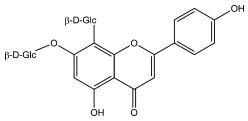
Vicenin III		Product # 83549
	CAS #	[59914-91-9]
	Molecular formula / Molecular weight	$C_{26}H_{28}O_{14}$ / 564.50 g/mol
	Synonyms	6-C-Glucosyl 8-C-xylosylapigenin; 4',5,7-Trihydroxyflavone 6-C-glucoside 8-C-xyloside

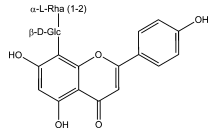
Vicine		Product # 82680
	CAS #	[152-93-2]
	Molecular formula / Molecular weight	$C_{10}H_{16}N_4O_7$ / 304.26 g/mol
	Synonyms	Divicine β-D-glucopyranoside; Vicioside

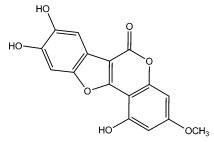
ε-Viniferin		Product # 83550
	CAS #	[62218-08-0]
	Molecular formula / Molecular weight	$C_{28}H_{22}O_6$ / 454.48 g/mol
	Synonyms	–

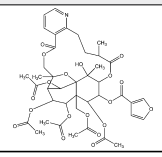
Vitexin		Product # 89290
	CAS #	[3681-93-4]
	Molecular formula / Molecular weight	$C_{21}H_{20}O_{10}$ / 432.38 g/mol
	Synonyms	Apigenin 8-C-glucoside; 8-C-Glucosylapigenin; Orientoside; 4',5,7-Trihydroxyflavone 8-C-glucoside

Vitexin 2''-glucoside		Product # 84193
	CAS #	[61360-94-9]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.52 g/mol
	Synonyms	Flavosativaside; 2''-Glucosylvitexin; 4',5,7-Trihydroxyflavone 8-C-(2''-glucosylglucoside)

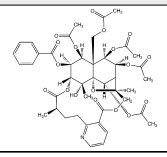
Vitexin 7-glucoside		Product # 83551
	CAS #	[35109-95-6]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{15}$ / 594.53 g/mol
	Synonyms	Afroside; Apigenin 7-O-glucoside 8-C-glucoside; 4',5,7-Trihydroxyflavone 7-O-glucoside 8-C-glucoside

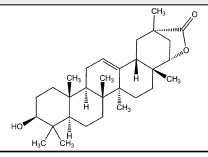
Vitexin 2''-rhamnoside		Product # 89291
	CAS #	[64820-99-1]
	Molecular formula / Molecular weight	$C_{27}H_{30}O_{14}$ / 578.53 g/mol
	Synonyms	2''-O-Rhamnosylvitexin; 4',5,7-Trihydroxyflavone 8-C-(2''-rhamnosylglucoside)

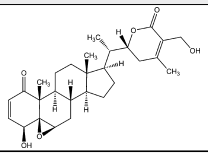
Wedelolactone		Product # 89823
	CAS #	[524-12-9]
	Molecular formula / Molecular weight	$C_{16}H_{10}O_7$ / 314.25 g/mol
	Synonyms	–

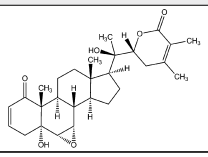
Wilforgine		Product # 84268
	CAS #	[37239-47-7]
	Molecular formula / Molecular weight	$C_{41}H_{47}NO_{19}$ / 857.81 g/mol
	Synonyms	–

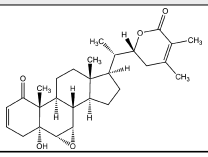
If your substance is missing please check our alphabetical index of synonyms on page 156.

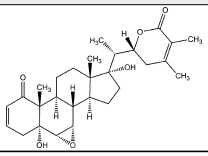
Wilforine		Product # 83298
	CAS #	[11088-09-8]
	Molecular formula / Molecular weight	$C_{43}H_{49}NO_{18}$ / 867.86 g/mol
	Synonyms	26-Deoxywilfordine

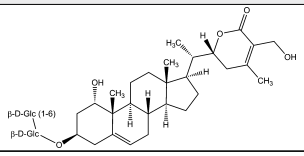
Wilforlide A		Product # 80555
	CAS #	[84104-71-2]
	Molecular formula / Molecular weight	$C_{30}H_{46}O_3$ / 454.70 g/mol
	Synonyms	Abruslactone A; Regelide

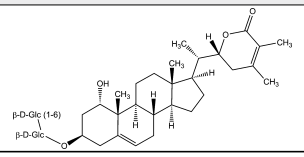
Withaferin A		Product # 89824
	CAS #	[5119-48-2]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_6$ / 470.61 g/mol
	Synonyms	Withaferine

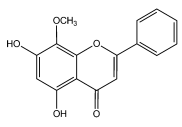
Withanolide A		Product # 80556
	CAS #	[32911-62-9]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_6$ / 470.61 g/mol
	Synonyms	Withaniol

Withanolide B		Product # 80557
	CAS #	[56973-41-2]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_5$ / 454.61 g/mol
	Synonyms	Lycium substance B

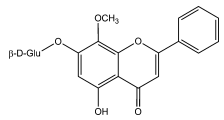
Withanone		Product # 82683
	CAS #	[27570-38-3]
	Molecular formula / Molecular weight	$C_{28}H_{38}O_6$ / 470.61 g/mol
	Synonyms	–

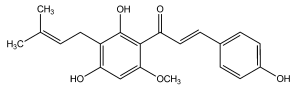
Withanoside IV		Product # 80632
	CAS #	[362472-81-9]
	Molecular formula / Molecular weight	$C_{40}H_{62}O_{15}$ / 782.93 g/mol
	Synonyms	–

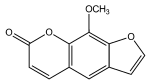
Withanoside V		Product # 80633
	CAS #	[256520-90-8]
	Molecular formula / Molecular weight	$C_{40}H_{62}O_{14}$ / 766.93 g/mol
	Synonyms	–

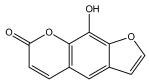
Wogonin		Product # 89825
	CAS #	[632-85-9]
	Molecular formula / Molecular weight	$C_{16}H_{12}O_5$ / 284.27 g/mol
	Synonyms	5,7-Dihydroxy 8-methoxyflavone

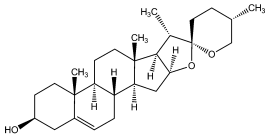
For specifications please check our price list or our webshop at http://phyproof.phytolab.de.
Exemplary COA and material safety data sheets are also available online.

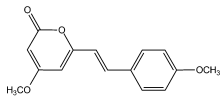
Wogonoside		Product # 82684
	CAS #	[51059-44-0]
	Molecular formula / Molecular weight	$C_{22}H_{20}O_{11}$ / 460.39 g/mol
	Synonyms	5,7-Dihydroxy 8-methoxyflavone 7-glucuronide; Glychionide B; Oroxindin; Wogonin 7-glucuronide

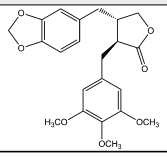
Xanthohumol		Product # 89292
	CAS #	[6754-58-1]
	Molecular formula / Molecular weight	$C_{21}H_{22}O_5$ / 354.40 g/mol
	Synonyms	–

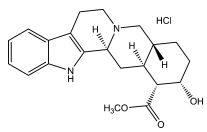
Xanthotoxin		Product # 89866
	CAS #	[298-81-7]
	Molecular formula / Molecular weight	$C_{12}H_8O_4$ / 216.19 g/mol
	Synonyms	8-Methoxypsoralen

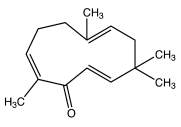
Xanthotoxol		Product # 83292
	CAS #	[2009-24-7]
	Molecular formula / Molecular weight	$C_{11}H_6O_4$ / 202.17 g/mol
	Synonyms	8-Hydroxypsoralen

Yamogenin		Product # 80634
	CAS #	[512-06-1]
	Molecular formula / Molecular weight	$C_{27}H_{42}O_3$ / 414.63 g/mol
	Synonyms	Jamogenin; Neodiosgenin

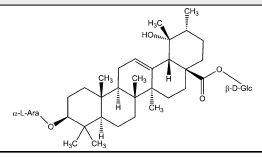
Yangonin		Product # 89293
	CAS #	[500-62-9]
	Molecular formula / Molecular weight	$C_{15}H_{14}O_4$ / 258.27 g/mol
	Synonyms	–

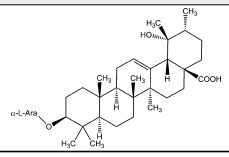
Yatein		Product # 84194
	CAS #	[96745-44-7]
	Molecular formula / Molecular weight	$C_{22}H_{24}O_7$ / 400.42 g/mol
	Synonyms	Deoxypodorhizone

Yohimbine hydrochloride		Product # 82685
	CAS #	[65-19-0]
	Molecular formula / Molecular weight	$C_{21}H_{26}N_2O_3 \times HCl$ / 390.91 g/mol
	Synonyms	–

Zerumbone		Product # 83418
	CAS #	[471-05-6]
	Molecular formula / Molecular weight	$C_{15}H_{22}O$ / 218.34 g/mol
	Synonyms	–

If your substance is missing please check our alphabetical index of synonyms on page 156.

Ziyuglycoside I		**Product # 84269**
	CAS #	[35286-58-9]
	Molecular formula / Molecular weight	$C_{41}H_{66}O_{13}$ / 766.95 g/mol
	Synonyms	Gouguside 7; Kudinoside H; Pomolic acid 3-arabinoside 28-glucoside; Zigu-glucoside I

Ziyuglycoside II		**Product # 84270**
	CAS #	[35286-59-0]
	Molecular formula / Molecular weight	$C_{35}H_{56}O_8$ / 604.81 g/mol
	Synonyms	Gouguside 1; Pomolic acid 3-arabinoside; Zigu-glucoside II

Index I:
Alphabetical List of Reference Substances and Synonyms

Reference Substance / Synonym	Page / Reference Substance
Abruslactone A	see Wilforlide A
Absinthin	6
l-Acacatechin	see (-)-Epicatechin
Acacetin	6
Acacetin 7-O-rutinoside	see Linarin
Acaciin	see Linarin
Acetic acid sabinyl ester	see Sabinyl acetate
p-Acetophenol	see 4'-Hydroxyacetophenone
Acetovanillone	see Apocynin
1'-Acetoxychavicol acetate	6
25-Acetoxy 23,24-dihydrocucurbitacin F	see Hemslecin A
Acetoxyvalerenic acid	6
2'-Acetylacteoside	6
6-Acetylacteoside	6
23-Acetylalismol B	see Alisol B 23-acetate
24-Acetylalisol A	see Alisol A 24-acetate
23-Acetylalisol B	see Alisol B 23-acetate
Acetylandromedol	see Grayanotoxin I
3-O-Acetyl α-boswellic acid	6
3-O-Acetyl β-boswellic acid	6
3-O-Acetyl 11-keto-β-boswellic acid	7
3-O-Acetyl 9,11-dehydro β-boswellic acid	7
25-O-Acetyl 23,24-dihydrocucurbitacin F	see Hemslecin A
Acetyleugenol	7
4-Acetylguaiacol	see Apocynin
8-Acetylharpagide	7
7-Acetylintermedine	7
7-Acetylintermedine N-oxide	7
7-Acetyllycopsamine	7
7-Acetyllycopsamine N-oxide	7
4-Acetyl 2-methoxyphenylglucoside	see Androsin
O-Acetylpseudolaric acid C	see Pseudolaric acid B
8-Acetylshanzhiside methyl ester	8
Acetyltumulosic acid	see Pachymic acid
Acetylvalerenolic acid	see Acetoxyvalerenic acid
2'-Acetylverbascoside	see 2'-Acetylacteoside
6''-O-Acetylverbascoside	see 6-Acetylacteoside
Acintene A	see α-Pinene
Acocantherin	see g-Strophanthin
cis-Aconitic acid	8
trans-Aconitic acid	8
Aconitine	8
Actein	8
Acteoside	see Verbascoside
Acutilobin	see Decursinol angelate
Adenine riboside	see Adenosine
Adenosine	8
Aegeline	8
Aescin A	see Escin IA
Aescin B	see Escin IB
Aescin C	see Isoescin IA
Aescin D	see Isoescin IB
Aesculetin	see Esculetin
Aesculetin dimethyl ether	see Scoparone
Aesculin	see Esculin
Afroside	see Vitexin 7-glucoside
Afzelin	see Kaempferol 3-rhamnoside
Afzeloside	see Kaempferol 3-rhamnoside
Agarine	see Muscimol
Agnuside	8
Ai Cha Su	see Bergenin
Ajmalicine	8
Ajmalicine oxindole A	see Isomitraphylline
Ajmalicine oxindole B	see Mitraphylline
Ajugol	9
AKBA	see 3-O-Acetyl 11-keto-β-boswellic acid
Akebia saponin D	see Asperosaponin VI
Akebia saponin PD	see α-Hederin
Akebia saponin PK	see Hederacoside C
Akebioside Stc	see α-Hederin
L-Alanine	9
Alant camphor	see Alantolactone
Alantolactone	9
Albiflorin	9
Alfrutamide	see N-trans-Feruloyltyramine
Alisol A	9
Alisol A 24-acetate	9

Reference Substance / Synonym	Page / Reference Substance
Alisol B	9
Alisol B 23-acetate	9
Alizarin	9
Alizarin 2-β-primeveroside	see Ruberythric acid
Alizarin Yellow	see Ellagic acid
Alkaloid S-C	see Erucifoline
Allantoin	10
Alleoside A	see Helveticoside
L-(±)-Alliin	10
Alliumoside A	see Trillin
α-Allocryptopine	10
Allomaleic acid	see Fumaric acid
Allopsoralen	see Bakuchicin
p-Allylanisole	see Estragole
Allylglucosinolate potassium salt	see Sinigrin potassium salt
4-Allylguaiacol	see Eugenol
1-Allyl 4-hydroxy 3-methoxybenzene	see Eugenol
4-Allyl 2-methoxyphenol	see Eugenol
p-Allylphenyl methyl ether	see Estragole
Alnulin	see 3β-Taraxerol
Alnustone	10
Aloearbonaside	see Aloenin A
Aloe emodin	10
Aloenin	see Aloenin A
Aloenin A	10
Aloin A	10
Aloin B	10
Alpinetin	10
Alpinetin chalcone	see Cardamomin
Alpizarin	see Mangiferin
Amarine	see Cucurbitacin B
Amarogentin	11
Ameliaroside	see Picein
Amentoflavone	11
Amentoflavone 4',4'''-dimethyl ether	see Isoginkgetin
Amentoflavone 4''',7''-dimethyl ether	see Ginkgetin
4-Aminobutanoic acid	see γ-Aminobutyric acid
4-Aminobutyric acid	see γ-Aminobutyric acid
γ-Aminobutyric acid	11
L-2-Aminoglutaramic acid	see L-Glutamine
L-2-Aminopropanoic acid	see L-Alanine
L-2-Aminopropionic acid	see L-Alanine
3-Amino 3-pyrrolidinecarboxylic acid chloride	see Cucurbitin chloride
Ammidin	see Imperatorin
Ammonium glycyrrhizate	see Glycyrrhizin ammonium salt
Ammothamnine	see Oxymatrine
Ampelopsin	see Dihydromyricetin
Ampeloptin	see Dihydromyricetin
Amphicoside II	see Picroside II
Amygdalin	11
Amygdaloside	see Amygdalin
β-Amyrenol	see β-Amyrin
α-Amyrin	11
β-Amyrin	11
22:1-ω7-Anacardic acid	see Ginkgolic acid C15:1
Anacardic acid monoene	see Ginkgolic acid C15:1
Andrograpanin	11
Andrographis	see Andrographolide
Andrographolide	11
Andromedotoxin	see Grayanotoxin I
Androsin	11
Androstenedione	12
Δ4-Androstene 3,17-dione	see Androstenedione
Anemarsaponin A 3	see Timosaponin A III
Anemonin	12
Anemosapogenin	12
trans-Anethole	12
Angelicin	12
6-Angeloylplenolin	see Brevilin A
7-Angelyleuropine	see Lasiocarpine
Angoroside C	12
Anhaline	see Hordenine
Anisatin	12
Anisodamine hydrobromide	12
Anisodine hydrobromide	12
Anisomelin	see Cirsilineol
dl-Anomalin	see (+/-)-Praeruptorin B

Reference Substance / Synonym	Page / Reference Substance
Anthraglycoside B	see Emodin 8-glucoside
Anthraquinone	13
Antirrhinin chloride	see Cyanidin 3-rutinoside chloride
Anwulignan	see Macelignan
Aphloiol	see Mangiferin
Apigenin	13
Apigenin 7-apiosylglucoside	see Apiin
Apigenin 6-C-α-L-arabinoside 8-C-β-D-glucoside	see Isoschaftoside
Apigenin 8-C-α-L-arabinoside 6-C-β-D-glucoside	see Schaftoside
Apigenin 7-glucoside	13
Apigenin 8-C-glucoside	see Vitexin
Apigenin 4'-O-glucoside 6-C-(2-arabinosylglucoside)	see Vaccarin
Apigenin 7-O-glucoside 8-C-glucoside	see Vitexin 7-glucoside
Apigenin 7-glucuronide	13
Apigenin 4'-methyl ether	see Acacetin
Apigenin 7-methyl ether	see Genkwanin
Apigenin 7-O-β-D-neohesperidoside	see Rhoifolin
Apigetrin	see Apigenin 7-glucoside
Apiin	13
Apoatropine hydrochloride	13
Apocymarin	see Strophanthidine
Apocynin	13
Apohyoscine	see Aposcopolamine
Aposcopolamine	13
Araloside A	13
Arasaponin E1	see Ginsenoside Rb1
Arbutin	14
Archin	see Emodin
Arctigenin	14
Arctigenin 4-glucoside	see Arctiin
Arctiin	14
Ardisic acid B	see Bergenin
Arecoline hydrobromide	14
L-Arginine	14
Arillanin B	see Sibiricose A5
Aristolactam	14
Aristolochic acid	see Aristolochic acid I
Aristolochic acid I	14
Aristolochic acid II	14
Aristolochic acid IIIa	see Aristolochic acid C
Aristolochic acid Iva	see Aristolochic acid D
Aristolochic acid VIIa	see 7-Hydroxyaristolochic acid I
Aristolochic acid A	see Aristolochic acid I
Aristolochic acid B	see Aristolochic acid II
Aristolochic acid C	14
Aristolochic acid D	15
Aristolochine	see (-)-Curine
Aristololactam	see Aristolactam
Arjugenin	see Arjungenin
Arjunetin	15
Arjungenin	15
Arjunic acid	15
Arjuntriterpenic acid	see Arjunic acid
Aromadendrin	see Dihydrokaempferol
Arteannuin	see Artemisinin
Artemetin	15
Artemicapin C	15
Artemisetin	see Artemetin
Artemisinin	15
Artepillin C	15
Arthanitin chloride	see Malvidin 3-galactoside chloride
Asaraldehyde	see Asarylaldehyde
(-)-Asarinin	15
Asaronaldehyde	see Asarylaldehyde
α-Asarone	16
β-Asarone	16
cis-Asarone	see β-Asarone
trans-Asarone	see α-Asarone
Asarum camphor	see α-Asarone
Asarylaldehyde	16
Asiatic acid	16
Asiaticoside	16
Asiaticoside A	see Madecassoside
Asiaticoside B	see Terminoloside
Aspalathin	16
L-Asparagic acid	see L-Aspartic acid
L-Asparagine	16

Reference Substance / Synonym	Page / Reference Substance
L-Asparaginic acid	see L-Aspartic acid
Asparanin B	see Shatavarin IV
L-Aspartic acid	16
Aspartic acid amide	see L-Asparagine
Asperin	see Formosanin C
Asperosaponin VI	16
Asperuloside	17
Asperulosidic acid	17
Asterin chloride	see Cyanidin 3-glucoside chloride
Asterolide	see Atractylenolide II
Astilbin	17
Astragalin	see Kaempferol 3-glucoside
Astragalin 6"-trans-p-coumarate	see Tiliroside
Astragaloside I	17
Astragaloside II	17
Astragaloside III	17
Astragaloside IV	17
Astramembrangenin	see Cycloastragenol
Astrantiagenin C	see Oleanolic acid
Astrantiagenin E	see Hederagenin
Astrasieversianin IV	see Astragaloside I
Astrasieversianin VIII	see Astragaloside II
Astrasieversianin XIV	see Astragaloside IV
Astraversianin XIV	see Astragaloside IV
Astringenin	see trans-Piceatannol
Astringin	17
Astrobain	see g-Strophanthin
Atractylenolide I	17
Atractylenolide II	18
Atractylenolide III	18
Atractylenolide β	see Atractylenolide III
Atractylic acid dipotassium salt	see Atractyloside
Atractylin dipotassium salt	see Atractyloside
Atractyloside	18
Atranoric acid	see Atranorin
Atranorin	18
Atripliside B	see Hesperidin
Atropamine hydrochloride	see Apoatropine hydrochloride
Atropine sulfate	18
Atropyltropeine hydrochloride	see Apoatropine hydrochloride
Aucubine	18
Aucuboside	see Aucubine
Aurantio-obtusin	18
Aurapten	18
Aureine	see Senecionine
Avicularin	18
Avicularoside	see Avicularin
Aviprin	see Oxypeucedanin hydrate
Awobanin A chloride	see Delphinidin 3,5-diglucoside chloride
Ayapanin	see 7-Methoxycoumarin
Azadirachtin	19
Azadirachtin A	see Azadirachtin
Azatin	see Azadirachtin
Baccatin III	19
Bacopasaponin C	19
Bacopaside I	19
Bacopaside II	19
Bacopaside VII	see Bacopaside X
Bacopaside V	19
Bacopaside X	19
Bacoside A	19
Bacoside A3	19
Bacosine	20
Baicalein	20
Baicalein 7-diglucoside	20
Baicalein 7-gentiobioside	see Baicalein 7-diglucoside
Baicalein 7-glucoside	20
Baicalein 7-glucuronide	see Baicalin
Baicalein 6-methyl ether	see Oroxylin A
Baicalin	20
Baichanin A	see Genistein
Baimantuoluoside C aglycone	see 12-Deoxywithastramonolide
Baimaside	see Quercetin 3-sophoroside
Bakuchicin	20
Banisterine	see Harmine
Baohuoside I	see Icariside II
Baohuoside VI	see Epimedin C

Reference Substance / Synonym	Page / Reference Substance
Baptitoxin	see Cytisine
Barbaloin A	see Aloin A
Barlerin	see 8-Acetylshanzhiside methyl ester
Barosmin	see Diosmin
Bavachalcone	20
Bavachin	20
Bavachinin	20
Bavachinin A	see Bavachinin
Bayogenin	21
(-)-Bebeerine	see (-)-Curine
Benzenecarboxylic acid	see Benzoic acid
1,2-Benzenediol	see Catechol
Benzenemethanol	see Benzyl alcohol
Benzoaric acid	see Ellagic acid
Benzohydroquinone	see Hydroquinone
Benzoic acid	21
Benzoquinol	see Hydroquinone
Benzyl alcohol	21
Benzyl cinnamate	21
Benzylglucosinolate potassium salt	see Glucotropaeolin potassium salt
Benzyl 3-phenylpropenoate	see Benzyl cinnamate
Berbamine dihydrochloride	21
Berberine chloride dihydrate	21
Bergamol	see Linalyl acetate
Bergamottin	21
Bergamottin 6',7'-epoxide	see Epoxybergamottin
Bergapten	21
Bergaptin	see Bergamottin
Bergenin	21
Bergenit	see Bergenin
Besigomsin	see Schisandrol B
Betuletol	see Eupalitin
Betuletrin	see Eupalitin 3-galactoside
Betulic acid	see Betulinic acid
Betulin	22
Betulinic acid	22
Betulinic alcohol	see Betulin
Betulinol	see Betulin
Betulol	see Betulin
Betulonic acid	22
Biacangelicin	see Byakangelicin
Biacangelicol	see Byakangelicol
3,8''-Biapigenin	see I3,II8-Biapigenin
I3',II8-Biapigenin	see Amentoflavone
I3,II8-Biapigenin	22
2,2'-Bichavicol	see Magnolol
Bicolorin	see Esculin
(+)-Bicuculline	22
3''',8-Biflavone	see Amentoflavone
Biflorine	see Protopine
(-)-Bilobalide	22
Bilobetin	22
Biochanin A	22
Biochanin B	see Formononetin
(-)-α-Bisabolol	22
Bisabolol oxide I	see Bisabolol oxide A
Bisabolol oxide A	23
α-Bisabolol oxide	see Bisabolol oxide A
Bisdemethoxycurcumin	23
Bjacangelicin	see Byakangelicin
Boeravinone B	23
Boldine	23
Bonistein	see Genistein
Borneol	23
(-)-Bornyl acetate	23
α-Boswellic acid	23
β-Boswellic acid	23
11-keto-β-Boswellic acid	23
11-Oxo-β-boswellic acid	see 11-keto-β-Boswellic acid
α-Boswellic acid acetate	see 3-O-Acetyl α-boswellic acid
β-Boswellic acid acetate	see 3-O-Acetyl β-boswellic acid
11-keto-β-Boswellic acid acetate	see 3-O-Acetyl 11-keto-β-boswellic acid
Brahmic acid	see Madecassic acid
Brazilin	24
Brevelin A	see Brevilin A
Brevifolincarboxylic acid	24
Brevilin A	24
Broussochalcone B	see Bavachalcone
Brucine	24
Buchu resin	see Diosmin
Bucuculline	see (+)-Bicuculline
Buddlejoside A	see Agnuside
Buddleoflavonol	see Acacetin
Buddleoflavonoloside	see Linarin
Buddleoside	see Linarin

Reference Substance / Synonym	Page / Reference Substance
Bufalin	24
Bufogenin	see Resibufogenin
Bulleyaconitine A	24
Bungeolic acid	see Ursolic acid
cis-2-Butenedioic acid	see Maleic acid
trans-2-Butenedioic acid	see Fumaric acid
3-Butenylglucosinolate potassium salt	see Gluconapin potassium salt
Butyl p-hydroxybenzoate	24
Butylparaben	see Butyl p-hydroxybenzoate
Buxuletin	see Scopoletin
Byakangelicin	24
Byakangelicol	24
Cadabine hydrochloride	see Stachydrine chloride
Cafesterol	see Cafestol
Cafestol	25
trans-Caffeic acid	25
trans-Caffeic acid ethyl ester	see Ethyl trans-caffeate
Caffeic alcohol	see Caffeoyl alcohol
Caffeine	25
Caffeoyl alcohol	25
Caffeoylmalic acid	25
N-Caffeoyl O-methyltyramine	25
3-Caffeoylquinic acid (CAS)	see Chlorogenic acid
3-Caffeoylquinic acid (IUPAC)	see Neochlorogenic acid
4-Caffeoylquinic acid	see Cryptochlorogenic acid
5-Caffeoylquinic acid (CAS)	see Neochlorogenic acid
5-Caffeoylquinic acid (IUPAC)	see Chlorogenic acid
Caffeoyltartaric acid	see Chicoric acid
2-O-Caffeoyltartaric acid	see Caftaric acid
Caftaric acid	25
Cajeputol	see Eucalyptol
Calceolarioside B	25
Calcycopterin	see Calycopterin
Calendoflavoside	see Isorhamnetin 3-neohesperidoside
Calenduloside F	see Chikusetsusaponin IVa
Californidine perchlorate	25
Californine methoperchlorate	see Californidine perchlorate
Callistephin chloride	see Pelargonidin 3-glucoside chloride
Calomelanen	see 2',6'-Dihydroxy 4', 4-dimethoxy-dihydrochalcone
Calvatic acid	26
Calycopterin	26
Calycosin	26
Calycosin 7-glucoside	26
Camelliaside A	26
Camelliaside B	26
Campesterin	see Campesterol
Campesterol	26
D,L-Camphene	26
DL-Camphor	26
Camptothecin	27
Canadine	27
Candidine	see Qingdainone
Cannabiscetin	see Myricetin
Cantharidin	27
Cantharone	see Cantharidin
Capsaicin	27
Carboxyatractyloside	27
Carboxybenzene	see Benzoic acid
4-Carboxyphenol	see p-Hydroxybenzoic acid
3-Carboxypropylamine	see γ-Aminobutyric acid
(S)-2-Carboxypyrrolidine	see L-Proline
Cardamomin	27
Carditoxin	see Digitoxin
(+)-Δ-3-Carene	27
Carminic acid	27
Carnosic acid	27
Carnosic acid 12-methyl ether	see 12-O-Methylcarnosic acid
Carnosol	28
Carvacrol	28
Carvacrol methyl ether	28
3-Carvomenthenone	see Piperitone
(-)-Carvone	28
(+)-Carvone	28
α-Caryophyllene	see α-Humulene
β-Caryophyllene	28
trans-Caryophyllene	see β-Caryophyllene
β-Caryophyllene epoxide	see (-)-Caryophyllene oxide
(-)-Caryophyllene oxide	28
trans-Caryophyllene oxide	see (-)-Caryophyllene oxide
Caryophyllic acid	see Eugenol
Caryophyllin	see Oleanolic acid
Cascaroside A	28
Cassic acid	see Rhein
Castalagin	28

Reference Substance / Synonym	Page / Reference Substance
Castalin	29
Castanogenin	see Medicagenic acid
Casticin	29
Catalpinoside	see Catalpol
Catalpol	29
(-)-Catechin	29
(+)-Catechin	29
(+)-Catechin (4α-8)-(+)-catechin	see Procyanidin B3
D-Catechin	see (+)-Catechin
L-Catechin	see (-)-Catechin
(-)-Catechin 3-gallate	29
(+)-Catechin 5-gallate	29
Catechol	29
Catharanthine	29
Caudatin	30
Caulophylline	see N-Methylcytisine
Caulosapogenin	see Hederagenin
Cedar acid	see Syringic acid
Celastrol	30
Celastrol methyl ester	see Pristimerin
Centauridin	see Santin
Cephaeline dihydrobromide	30
Cephalaroside C	see α-Hederin
Cepharanthine	30
Cevadine	30
α-Chaconine	30
Chalconaringenin	see Naringenin chalcone
Chalcononaringenin	see Naringenin chalcone
Chamazulene	30
Chavicol methyl ether	see Estragole
Chebulagic acid	30
Chebulinic acid	30
Chelerythrine chloride	31
Chelidonic acid	31
Chelidonine	31
Chicoric acid	31
Chikusetsusaponin I	see Ginsenoside Rg2
Chikusetsusaponin IV	see Araloside A
Chikusetsusaponin IVa	31
Chikusetsusaponin IVc	see Ginsenoside Re
Chikusetsusaponin V	see Ginsenoside Ro
Chinese rosin W	see Rosin
Chinidin	see (+)-Quinidine
Chinine	see (-)-Quinine
Chinomin	see Mangiferin
Chinonin	see Mangiferin
Chlorogenic acid	31
Chloroxylonine	see Skimmianine
Chonglouoside VII	see Paris VII
Chrysanthemin chloride	see Cyanidin 3-glucoside chloride
Chrysatropic acid	see Scopoletin
Chrysazin	see Danthrone
Chrysazin 3-carboxylic acid	see Rhein
Chrysin	31
Chrysin dimethyl ether	see 5,7-Dimethoxyflavone
Chrysophanic acid	see Chrysophanol
Chrysophanol	31
Chrysophanol 8-glucoside	31
Chuanxingzine	see Ligustrazine
Cichoric acid	see Chicoric acid
Cichorigenin	see Esculetin
Cichoriin aglycone	see Esculetin
Cimicifugic acid B	32
Cimicifugic acid F	32
Cimicifugol xyloside	see Cimigenol 3-β-D-xyloside
Cimicifugoside M	see Cimigenol 3-α-L-arabinoside
Cimifugin	32
Cimigenol 3-α-L-arabinoside	32
Cimigenol 3-β-D-xyloside	32
Cimigenoside	see Cimigenol 3-β-D-xyloside
Cimigoside	see Cimigenol 3-β-D-xyloside
Cimiracemoside C	see Cimigenol 3-α-L-arabinoside
Cimitin	see Cimifugin
(-)-Cinchonidine	32
Cinchonifine	see (+)-Dihydrocinchonine
(+)-Cinchonine	32
Cinchotine	see (+)-Dihydrocinchonine
Cinchovatine	see (-)-Cinchonidine
1,8-Cineole	see Eucalyptol
trans-Cinnamic acid	32
Cinnamic acid benzyl ester	see Benzyl cinnamate
trans-Cinnamic acid methyl ester	see Methyl trans-cinnamate
6'-Cinnamoylcatalpol	see Picroside I
Cinnamtannin I	see Cinnamtannin A2
Cinnamtannin A1	see Procyanidin C1

Reference Substance / Synonym	Page / Reference Substance
Cinnamtannin A2	32
Cinobufagin	33
Cin-quin	see (+)-Quinidine
Cirantin	see Hesperidin
Circolene	see Ajmalicine
Cirsilineol	33
Citral	33
Citrifoliol	see Isosakuranetin
Citrolimonin	see Limonin
Citropten	33
Clerodol	see Lupeol
Cnicin	33
Cochineal Red PWD	see Carminic acid
Codonolactone	see Atractylenolide III
Colchicine	33
Coleonol	see Forskolin
Coleonol B	see Isoforskolin
Colforsin	see Forskolin
Collettiside I	see Trillin
Collettiside III	see Dioscin
Colocynthin	see Cucurbitacin E-2-O-glucoside
Colosic acid	see Corosolic acid
Coloside A	see Cucurbitacin E-2-O-glucoside
Commisterone	see β-Ecdysone
Conchinine	see (+)-Quinidine
Condurango glycoside A	33
Condurango glycoside E2	33
Coniferic acid	see trans-Ferulic acid
Coniine hydrochloride	33
Conquinine	see (+)-Quinidine
Contigoside B	see Quercetin 3-glucoside
Convallatoxigenin	see Strophanthidine
Convallatoxin	34
Coptisin chloride	34
Corchorin	see Strophanthidine
Corchoside A aglycone	see Strophanthidine
Corchsularin	see Strophanthidine
Cordianine	see Allantoin
Cordycepin	34
Corglycon	see Convallatoxin
Coriandrinol	see β-Sitosterol D-glucoside
Corilagin	34
Cornin	see Verbenalin
Cornuside	34
Corosolic acid	34
Coroupitine B	see Indirubin
Corrigen	see Oleandrin
Corydaline	34
Corydalis B	see Tetrahydropalmatine
Corydinine	see Protopine
Corylifol A	34
Corylifolin	see Bavachin
Corylifolinin	see Isobavachalcone
Corylin	34
Corylinin	see Corylifol A
Corylopsin	see Bergenin
Corynoline	35
Corynoxine B	35
Corytuberine methochloride	see Magnoflorine chloride
Cosmetin	see Apigenin 7-glucoside
Cosmosiin	see Apigenin 7-glucoside
Cosmosioside	see Apigenin 7-glucoside
Costunolide	35
Costus lactone	see Costunolide
Cotinin	see Fisetin
trans-m-Coumaric acid	35
trans-o-Coumaric acid	35
trans-p-Coumaric acid	35
p-Coumaric alcohol	see p-Coumaroyl alcohol
Coumarin	35
p-Coumaroyl alcohol	35
8-p-Coumaroylharpagide	35
trans-p-Coumaroyltartaric acid	see trans-Coutaric acid
N-trans-p-Coumaroyltyramine	36
Couroupitine A	see Tryptanthrine
trans-Coutaric acid	36
Crataegin	see Esculin
Crategolic acid	see Maslinic acid
Crocetin bis(gentiobiosyl) ester	see Crocin
Crocetin digentiobioside	see Crocin
Crocetin gentiobiosylglucosyl ester	see Crocin 2
Crocin	36
Crocin 1	see Crocin
Crocin 2	36
Crocin 3	see Crocin 2

Reference Substance / Synonym	Page / Reference Substance
Crocin 4	see Crocin
α-Crocin	see Crocin
Crustecdysone	see β-Ecdysone
Crychine methoperchlorate	see Californidine perchlorate
Cryptochlorogenic acid	36
Cryptotanshinone	36
Cubebin	36
Cubebinolide	see Hinokinin
Cucoline hydrochloride	see Sinomenine hydrochloride
Cucurbitacin IIa	see Hemslecin A
Cucurbitacin A	36
Cucurbitacin B	36
Cucurbitacin D	37
Cucurbitacin E	37
Cucurbitacin E-2-O-glucoside	37
Cucurbitacin I	37
Cucurbitin chloride	37
Cunabic acid	see Kaurenoic acid
Curculigoside	37
Curculigoside A	see Curculigoside
Curcumin	37
Curcumin II	see Demethoxycurcumin
Curcumin III	see Bisdemethoxycurcumin
Curcumol	37
Curillin H	see Shatavarin IV
(-)-Curine	37
Cuscutin	see Bergenin
(+)-Cyanidanol	see (+)-Catechin
Cyanidenon	see Luteolin
Cyanidenon 7-glucuronide	see Luteolin 7-glucuronide
Cyanidin 3-arabinoside chloride	38
Cyanidin chloride	38
Cyanidin 3,5-diglucoside chloride	38
Cyanidin 3-galactoside chloride	38
Cyanidin 3-glucoside chloride	38
Cyanidin 3-rhamnoglucoside chloride	see Cyanidin 3-rutinoside chloride
Cyanidin 3-rutinoside chloride	38
Cyanidin 3-sambubioside chloride	38
Cyanidin 3-sophoroside chloride	38
Cyanidin 3-(2-O-xylosylglucoside) chloride	see Cyanidin 3-sambubioside chloride
Cyanidol chloride	see Cyanidin chloride
Cyanin chloride	see Cyanidin 3,5-diglucoside chloride
Cyaninoside chloride	see Cyanidin 3-rutinoside chloride
Cycloastragenol	38
Cycloolivil	39
Cyclopamine	39
Cyclosieversigenin	see Cycloastragenol
Cyclosieversioside B	see Astragaloside I
Cyclosieversioside F	see Astragaloside IV
Cyclosin	see Calycosin
Cymarin	39
p-Cymene	39
p-Cymene 2-ol	see Carvacrol
Cynarin	39
Cynaropicrin	39
Cynaroside	see Luteolin 7-glucoside
α-Cyperone	39
Cytisine	39
Daidzein	39
Daidzein 7-glucoside	see Daidzin
Daidzein 4'-methyl ether	see Formononetin
Daidzin	40
Danfensuan B	see Salvianolic acid B
Dan phenolic acid A	see Salvianolic acid A
Dan Shen ketone	see Tanshinone IIA
Dan Shen Suan B	see Salvianolic acid B
Dan Shen Su Sodium	see 3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt
Danthrone	40
Daphnetin	40
Daphnetol	see Daphnetin
Daphnoretin	40
Daturamine hydrobromide	see Anisodine hydrobromide
Daucosterin	see β-Sitosterol D-glucoside
β-Daucosterol	see β-Sitosterol D-glucoside
Dauricine	40
Deacetylasperulosidic acid	40
Deacetylasperulosidic acid methyl ester	40
10-Deacetylbaccatin III	40
Deacetylophiopogonin C	see Ophiopogonin D
Deacylgymnemic acid	40
Decursinol	41
Decursinol angelate	41
Deglucoerysimoside	see Helveticoside
Dehydroandrographolide	41

Reference Substance / Synonym	Page / Reference Substance
9,11-Dehydro β-boswellic acid acetate	see 3-O-Acetyl 9,11-dehydro β-boswellic acid
Dehydrocostus lactone	41
Dehydrodiisoeugenol	41
5,6-Dehydrokavain	see Desmethoxyyangonin
9-Dehydropachymic acid	41
25(27)-Dehydroruscogenin	see Neoruscogenin
2,3-Dehydrosilybin A	41
2,3-Dehydrosilybin B	41
2,3-Dehydrosilymarin	see 2,3-Dehydrosilybin A
Dehydrotumulosic acid	41
De(p-hydroxybenzoyl)catalposide	see Catalpol
Delphin chloride	see Delphinidin 3,5-diglucoside chloride
Delphinidin chloride	42
Delphinidin 3,5-diglucoside chloride	42
Delphinidin 3-galactoside chloride	42
Delphinidin 3-glucoside chloride	42
Delphinidin 3-rutinoside chloride	42
Delphinidin 3-sambubioside chloride	42
Delphinin chloride	see Delphinidin 3-glucoside chloride
Demethoxycurcumin	42
N-Demethylatropine	see Noratropine
(+/-)-Demethylcoclaurine hydrochloride	see Higenamine hydrochloride
4'-Demethyleupatilin	see Jaceosidin
Demethylmangostin	see γ-Mangostin
5-Demethylnobiletin	42
5-Demethyltangeretin	see Gardenin B
7-O-Demethyltetrandine	see Fangchinoline
Demethylzeylasteral	42
Denudatine	43
16-Deoxoalisol C	see Alisol B
23-epi-26-Deoxyactein	43
26-Deoxyactein	see 23-epi-26-Deoxyactein
27-Deoxyactein	see 23-epi-26-Deoxyactein
3'-Deoxyadenosine	see Cordycepin
14-Deoxyandrographolide	43
14-Deoxy 11,14-didehydroandrographolide	43
22-Deoxyilexolic acid	see Rotundic acid
11-Deoxyjervine	see Cyclopamine
Deoxypodorhizone	see Yatein
3'-Deoxyquercetin	see Kaempferol
Deoxyschisandrin	see Schizandrin A
Deoxyschizandrin	see Schizandrin A
24-Deoxysericoside	see Arjunetin
26-Deoxywilfordine	see Wilforine
12-Deoxywithastramonolide	43
Desgeranyloxyarmatumin	see (-)-Asarinin
Desglycoloylenglerin A	see (-)-Englerin B
Desmethoxyyangonin	43
Desmethyltropinone hydrochloride	see Nortropinone hydrochloride
5-Desoxyquercetin	see Fisetin
Desoxyrhaponticin	43
Dhelwangin	see Pogostone
1,3-Dicaffeoylquinic acid	see Cynarin
1,3-Dicaffeoylquinic acid (CAS)	see 1,5-Dicaffeoylquinic acid
1,5-Dicaffeoylquinic acid	43
1,5-Dicaffeoylquinic acid (CAS)	see Cynarin
3,4-Dicaffeoylquinic acid	43
3,4-Dicaffeoylquinic acid (CAS)	see 4,5-Dicaffeoylquinic acid
3,5-Dicaffeoylquinic acid	44
4,5-Dicaffeoylquinic acid	44
4,5-Dicaffeoylquinic acid (CAS)	see 3,4-Dicaffeoylquinic acid
Dicaffeoyltartaric acid	see Chicoric acid
Dictamine	see Dictamnine
Dictamnine	44
Dictamnolactone	see Limonin
(+)-3,4-Didehydrocoronaridine	see Catharanthine
13,14-Didehydromatrine	see Sophocarpine
Didemethoxycurcumin	see Bisdemethoxycurcumin
Didemethylginkgetin	see Amentoflavone
3,14-Dideoxyandrographolide	see Andrograpanin
Didymin	44
Diferuloylmethane	see Curcumin
2',5'-Di-O-galloyl D-hamamelose	see Hamamelitannin
Digilanide C	see Lanatoside C
Digilanogen C	see Lanatoside C
Digin	see Gitogenin
Digitoflavone	see Luteolin
Digitoxin	44
Digitoxoside	see Digitoxin
6,8-Di-C-glucosylapigenin	see Vicenin II
Dihydroberberine	44
Dihydrocapsaicin	44
Dihydrochrysin	see Pinocembrin
(+)-Dihydrocinchonine	44
Dihydrocucurbitacin F 25-O-acetate	see Hemslecin A

Reference Substance / Synonym	Page / Reference Substance
Dihydrocucurbitacin Q1	see Hemslecin A
Dihydro 5-episophocarpine	see Sophoridine
α-Dihydrofucosterol	see β-Sitosterol
3,4-Dihydroharmine	see Harmaline
Dihydroisoferulic acid	44
Dihydroisohibalactone	see Hinokinin
Dihydroisoimperialine	see Peimine
Dihydrokaempferol	45
Dihydrokaempferol 3-rhamnoside	see Engeletin
Dihydrokavain	45
Dihydromethysticin	45
Dihydromyricetin	45
Dihydronaringenin	see Phloretin
Dihydroquercetin	see (+)-Taxifolin
(+)-Dihydroquinidine	45
(-)-Dihydroquinine	45
p-Dihydroquinone	see Hydroquinone
22,23-Dihydrostigmasterol	see β-Sitosterol
Dihydrotanshinone I	45
Dihydroumbellatine	see Dihydroberberine
1,2-Dihydroxyanthraquinone	see Alizarin
1,8-Dihydroxyanthraquinone	see Danthrone
1,2-Dihydroxybenzene	see Catechol
1,3-Dihydroxybenzene	see Resorcinol
1,4-Dihydroxybenzene	see Hydroquinone
3,4-Dihydroxybenzoic acid	see Protocatechuic acid
5,7-Dihydroxychromone	45
trans-3,4-Dihydroxycinnamic acid	see trans-Caffeic acid
trans-3,4-Dihydroxycinnamic acid ethyl ester	see Ethyl trans-caffeate
3,4-Dihydroxycinnamyl alcohol	see Caffeoyl alcohol
6,7-Dihydroxycoumarin	see Esculetin
7,8-Dihydroxycoumarin	see Daphnetin
6,7-Dihydroxycoumarin 6-glucoside	see Esculin
2',4'-Dihydroxydihydrochalcone	45
2',4-Dihydroxy 4',6'-dimethoxy trans-chalcone	see Flavokawain C
2',6'-Dihydroxy 4',4-dimethoxychalcone	46
2',6'-Dihydroxy 4',4-dimethoxydihydrochalcone	46
2',5-Dihydroxy 7,8-dimethoxyflavone	see Panicolin
5,7-Dihydroxy 4',6-dimethoxyflavone	see Pectolinarigenin
5,7-Dihydroxy 4',6-dimethoxyflavone 7-rutinoside	see Pectolinarin
4',7-Dihydroxyflavanone	see Liquiritigenin
5,7-Dihydroxyflavanone	see Pinocembrin
4',7-Dihydroxyflavanone 4'-apiosylglucoside	see Liquiritin apioside
4',7-Dihydroxyflavanone 4'-glucoside	see Liquiritin
4',7-Dihydroxyflavanone 7-glucoside	see Neoliquiritin
5,7-Dihydroxyflavone	see Chrysin
1,7-Dihydroxyginkgolide A	see Ginkgolide C
5,7-Dihydroxy 3,3',4',5',6,8-hexamethoxyflavone	46
1,3-Dihydroxy 2-(hydroxymethyl)anthraquinone	see Lucidin
1,8-Dihydroxy 3-hydroxymethylanthraquinone	see Aloe emodin
4',7-Dihydroxyisoflavone	see Daidzein
4',7-Dihydroxyisoflavone 8-C-(6''-apiosylglucoside)	see Mirificin
4',7-Dihydroxyisoflavone 7-glucoside	see Daidzin
4',7-Dihydroxyisoflavone 8-C-glucoside	see Puerarin
4',7-Dihydroxyisoflavone 8-C-(6''-xylosylglucoside)	see Puerarin 6''-xyloside
2',6'-Dihydroxy 4'-methoxychalcone	46
4,4'-Dihydroxy 2-methoxychalcone	see Echinatin
7,8-Dihydroxy 6-methoxycoumarin	see Fraxetin
7,8-Dihydroxy 6-methoxycoumarin 8-β-D-glucopyranoside	see Fraxin
2',6'-Dihydroxy 4'-methoxydihydrochalcone	46
4',5-Dihydroxy 7-methoxyflavanone	see Sakuranetin
5,7-Dihydroxy 4'-methoxyflavanone	see Isosakuranetin
5,7-Dihydroxy 4'-methoxyflavanone 7-neohesperidoside	see Poncirin
5,7-Dihydroxy 4'-methoxyflavanone 7-O-rutinoside	see Didymin
4',5-Dihydroxy 7-methoxyflavone	see Genkwanin
5,7-Dihydroxy 4'-methoxyflavone	see Acacetin
5,7-Dihydroxy 6-methoxyflavone	see Oroxylin A
5,7-Dihydroxy 8-methoxyflavone	see Wogonin
4',5-Dihydroxy 7-methoxyflavone 6-C-glucoside	see Swertisin
5,7-Dihydroxy 6-methoxyflavone 7-glucuronide	see Oroxylin A 7-glucuronide
5,7-Dihydroxy 8-methoxyflavone 7-glucuronide	see Wogonoside
5,7-Dihydroxy 4'-methoxyflavone 7-rutinoside	see Linarin
5,7-Dihydroxy 4'-methoxyflavonol	see Kaempferide
3',7-Dihydroxy 4'-methoxyisoflavone	see Calycosin
4',7-Dihydroxy 6-methoxyisoflavone	see Glycitein
5,7-Dihydroxy 4'-methoxyisoflavone	see Biochanin A
3',7-Dihydroxy 4'-methoxyisoflavone 7-β-D-glucopyranoside	see Calycosin 7-glucoside
4',7-Dihydroxy 3'-methoxyisoflavone 8-C-glucoside	see 3'-Methoxypuerarin
4',7-Dihydroxy 6-methoxyisoflavone 7-O-glucoside	see Glycitin
1,8-Dihydroxy 6-methoxy 3-methylanthraquinone	see Physcion
3,5-Dihydroxy 4'-methoxystilbene 3-glucoside	see Desoxyrhaponticin
1,3-Dihydroxy 7-methoxyxanthone	see Isogentisin

Reference Substance / Synonym	Page / Reference Substance
1,3-Dihydroxy 2-methylanthraquinone	see Rubiadin
1,8-Dihydroxy 3-methyl 9,10-anthraquinone	see Chrysophanol
4',7-Dihydroxy 6-(3-methyl 2-butenyl)flavanone	see Bavachin
5,7-Dihydroxy 4-methylcoumarin	46
3,4-Dihydroxyphenethyl alcohol	see Hydroxytyrosol
2,3-Dihydroxyphenol	see Pyrogallol
3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt	46
trans-3,5-Dihydroxystilbene	see Pinosylvin
3',5-Dihydroxy 3,4',6,7-tetramethoxyflavone	see Casticin
4',5-Dihydroxy 3,6,7,8-tetramethoxyflavone	see Calycopterin
3',5-Dihydroxy 4',6,7-trimethoxyflavone	see Eupatorin
4',5-Dihydroxy 3,3',7-trimethoxyflavone	see Pachypodol
4',5-Dihydroxy 3',6,7-trimethoxyflavone	see Cirsilineol
4',5-Dihydroxy 3,6,7-trimethoxyflavone	see Penduletin
5,7-Dihydroxy 3',4',6-trimethoxyflavone	see Eupatilin
5,7-Dihydroxy 3,4',6-trimethoxyflavone	see Santin
5,7-Dihydroxy 4',6,8-trimethoxyflavone	see Nevadensin
2α,23-Dihydroxyursolic acid	see Asiatic acid
1,2-Dimethoxy 6aβ-aporphine	see Nuciferine
5,7-Dimethoxycoumarin	see Citropten
6,7-Dimethoxycoumarin	see Scoparone
5,7-Dimethoxyflavone	46
7,8-Dimethoxynorwogonin	see 7-O-Methylwogonin
5,8-Dimethoxypsoralen	see Isopimpinellin
9,10-Dimethoxypterocarpan 3-glucoside	see 9-O-Methylnissolin 3-O-glucoside
4',6-Dimethoxyscutellarein	see Pectolinarigenin
2,3-Dimethoxystrychnine	see Brucine
6,8-Dimethoxyumbelliferone	see Isofraxidin
Dimethulene	see Chamazulene
4',4'''-Dimethylamentoflavone	see Isoginkgetin
4''',7''-Dimethylamentoflavone	see Ginkgetin
3-(N,N-Dimethylaminomethyl)indole	see Gramine
3,3'-Di-O-methylellagic acid 4'-xylopyranoside	46
6,7-Dimethylesculetin	see Scoparone
3,7-Dimethyl 2,6-octadiene 1-al	see Citral
O,O-Dimethylpinoresinol	see (+)-Eudesmin
1,3-Dimethylxanthine	see Theophylline
3,7-Dimethylxanthine	see Theobromine
Dinatin	see Hispidulin
Dinatin 7-glucoside	see Hispidulin 7-glucoside
Dioscin	47
Dioscinin	see Paris VII
Diosgenin	47
Diosgenin β-D-glucoside	see Trillin
Diosgenin 3-gracillimatrioside	see Gracillin
Diosmetin	47
Diosmetin 7-neohesperidoside	see Neodiosmin
Diosmetin 7-O-rhamnosylglucoside	see Diosmin
Diosmetin 7-rutinoside	see Diosmin
Diosmin	47
3,17-Dioxoandrost 4-ene	see Androstenedione
1,7-Diphenyl 4,6-heptadiene 3-one	see Alnustone
Dipsacobioside	see α-Hederin
Dipsacoside B	47
3',6-Disinapoylsucrose	47
Divicine β-D-glucopyranoside	see Vicine
Dodeca 2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide	47
Dracorhodin perchlorate	47
Dracylic acid	see Benzoic acid
Dulcamarin C	see Gracillin
Dulcoside A	47
Dulcoside B	see Rebaudioside C
EC	see (-)-Epicatechin
β-Ecdysone	48
β-Ecdysterone	see β-Ecdysone
ECG	see (-)-Epicatechin 3-gallate
Echimidine	48
Echimidine N-oxide	48
Echinacoside	48
Echinatin	48
Echinatine (alkaloid)	48
Echinatine N-oxide	48
Echinocystic acid	48
Eclalbasaponin I	48
Eclalbasaponin II	49
Ecliptasaponin A	see Eclalbasaponin II
EGC	see (-)-Epigallocatechin
EGCG	see (-)-Epigallocatechin 3-gallate
Egeline	see Aegeline
Elagostasine	see Ellagic acid
Elatericin B	see Cucurbitacin I
Elatericin A	see Cucurbitacin D
α-Elaterin	see Cucurbitacin E
α-Elaterin 2-D-glucopyranoside	see Cucurbitacin E-2-O-glucoside

Reference Substance / Synonym	Page / Reference Substance
Elaterinide	see Cucurbitacin E-2-O-glucoside
Eleagic acid	see Ellagic acid
Elecampane camphor	see Alantolactone
α,β-Elemadienolic acid	see α,β-Elemolic acid
Elemadienonic acid	see β-Elemonic acid
α,β-Elemic acid	see α,β-Elemolic acid
α,β-Elemolic acid	49
β-Elemonic acid	49
Eleutheroside A	see β-Sitosterol D-glucoside
Eleutheroside B	49
Eleutheroside E	49
Ellagic acid	49
Embelic acid	see Embelin
Embelin	49
Emberine	see Embelin
Emetine dihydrochloride	49
Emodin	49
Emodin 8-glucoside	50
Emodin 3-methyl ether	see Physcion
Emodin L-rhamnoside	see Frangulin A
Empetrin chloride	see Delphinidin 3-galactoside chloride
Enallachrome	see Esculin
Engeletin	50
Engelitin	see Engeletin
(-)-Englerin A	50
(-)-Englerin B	50
Enterodiol	50
Enterolactone	50
(-)-Epicatechin	50
(+)-Epicatechin-(4β-8,2β-O-7)-catechin	see Procyanidin A1
(-)-Epicatechin (4β-8)-(+)-catechin	see Procyanidin B1
(-)-Epicatechin (4β-8)-(-)-epicatechin	see Procyanidin B2
(+)-Epicatechin-(4β-8,2β-O-7)-epicatechin	see Procyanidin A2
(-)-Epicatechin (4β-8)-(-)-epicatechin (4β-8)-(-)-epicatechin	see Procyanidin C1
(-)-Epicatechin 3-gallate	50
Epicatechin tetramer	see Cinnamtannin A2
Epicatechol	see (-)-Epicatechin
23-epi-26-Deoxyactein	see 27-Deoxyactein
5-Epidihydrosophocarpine	see Sophoridine
(-)-Epigallocatechin	50
(-)-Epigallocatechin 3-gallate	51
Epiglucobarbarin	see Glucosibarin
Epiligulyl oxide	see Dehydrocostus lactone
Epimedin A	51
Epimedin A1	51
Epimedin B	51
Epimedin C	51
Epiprogoitrin potassium salt	51
(-)-Episesamin	see (-)-Asarinin
Epoxybergamottin	51
(-)-Epoxydihydrocaryophyllene	see (-)-Caryophyllene oxide
Ergocristine	51
Erianin	51
Erianthin	see Artemetin
Eriocitrin	52
Eriodictioside	see Eriocitrin
Eriodictyol	52
Eriodictyol 4'-monomethyl ether	see Hesperetin
Eriodictyol 7-neohesperidoside	see Neoeriocitrin
Eriodictyol 7-O-rutinoside	see Eriocitrin
Erucifoline	52
Erucifoline A	see Erucifoline
Erucifoline A N-oxide	see Erucifoline N-oxide
Erucifoline N-oxide	52
Erysimisin	see Helveticoside
Erysimotoxin	see Helveticoside
Erysimupicrone	see Strophanthidine
Erythrodiol	52
Escholine chloride	see Magnoflorine chloride
Escholtzine methoperchlorate	see Californidine perchlorate
Escin	52
Escin IA	52
Escin IB	52
Escin IVa	see Isoescin IA
Escin IVb	see Isoescin IB
Escoparone	see Scoparone
Escopoletin	see Scopoletin
Escosyl	see Esculin
Esculentoside A	52
Esculetin	53
Esculetin 6,7-dimethyl ether	see Scoparone
Esculetin 6-O-glucoside	see Esculin
Esculetin 6-methyl ether	see Scopoletin
Esculetol	see Esculetin

Reference Substance / Synonym	Page / Reference Substance
Esculin	53
Esculin aglycone	see Esculetin
Esculoside	see Esculin
Estragole	53
Ethyl trans-caffeate	53
24α-Ethylcholesterol	see β-Sitosterol
Ethylene glycol salicylate	see 2-Hydroxyethyl salicylate
Ethyl gallate	53
N-Ethyl L-glutamine	see L-Theanine
trans-24-Ethylidencholesterol	see Fucosterol
Ethyl p-methoxycinnamate	see trans-p-Methoxycinnamic acid ethyl ester
Ethyl 3,4,5-trihydroxybenzoate	see Ethyl gallate
Eucalyptol	53
Eudesma 4,11-diene 3-one	see α-Cyperone
(+)-Eudesmin	53
Eugenic acid	see Eugenol
Eugenol	53
Eugenol acetate	see Acetyleugenol
Eupafolin	see Nepetin
Eupafolin 7-O-β-glucoside	see Nepetin 7-glucoside
Eupalitin	53
Eupalitin 3-galactoside	54
Eupatilin	54
Eupatorin	54
Eupatrin	see Cirsilineol
Euphorbiasteroid	54
Europine 7-angelate	see Lasiocarpine
Europine hydrochloride	54
Europine N-oxide	54
Eutannin	see Chebulinic acid
Evodiamine	54
Evodin	see Limonin
Excolabdone C	see Isoforskolin
Fagarasterol	see Lupeol
α-Fagarine	see α-Allocryptopine
β-Fagarine	see Skimmianine
Fagarol	see Sesamin
Fanchinine	see Tetrandrine
Fangchinoline	54
Faradiol	54
Fargesin	55
Farrerol	55
Fastigenin	see Cirsilineol
Fecundin	see Androstenedione
(-)-Fenchone	55
(+)-Fenchone	55
Feniculin	see Guaiaverin
trans-Fertaric acid	55
trans-Ferulic acid	55
6'''-Feruloylspinosin	55
3-O-Feruloylsucrose	see Sibiricose A5
trans-Feruloyl tartaric acid	see trans-Fertaric acid
N-trans-Feruloyltyramine	55
Fibrauretin chloride	see Palmatine chloride
Ficusin	see Psoralen
Fiestin	see Fisetin
Fietin	see Fisetin
Filiferin B	see Timosaponin A III
Fisetin	55
Flavaprenin	see 8-Prenylnaringenin
Flavoayamenin	see Spinosin
Flavocommelitin	see Swertisin
Flavokavain B	see Flavokawain B
Flavokavain C	see Flavokawain C
Flavokavin A	see Flavokawain A
Flavokavin B	see Flavokawain B
Flavokavin C	see Flavokawain C
Flavokawain A	56
Flavokawain B	56
Flavokawain C	56
Flavosativaside	see Vitexin 2''-glucoside
Floretin	see Phloretin
Floridzin	see Phloridzin
Foeniculin	see Guaiaverin
Foliandrin	see Oleandrin
Folinerin	see Oleandrin
Fordimine	see Huperzine B
Formonetin	see Formononetin
Formononetin	56
Formononetin 7-glucoside	see Ononin
Formononetol	see Formononetin
Formosanin C	56
Forskolin	56
Forsythiaside	see Forsythoside A
Forsythin	see Phillyrin

Reference Substance / Synonym	Page / Reference Substance
Forsythoside A	56
Forsythoside B	56
Frangchinoline	see Fangchinoline
Frangula emodin	see Emodin
Frangulic acid	see Emodin
Frangulin A	56
Frangulin B	57
Franguloside	see Frangulin A
Fratexin	see Fraxetin
Fraxetin	57
Fraxetin 8-β-D-glucopyranoside	see Fraxin
Fraxetol	see Fraxetin
Fraxetol 8-glucoside	see Fraxin
Fraxin	57
Fraxinellone	57
Fraxinol	57
Fraxoside	see Fraxin
Friedelanone	see Friedelin
Friedelin	57
Fritillarine	see Peiminine
Fucosterol	57
Fumaric acid	57
Fumarine	see Protopine
Fumarprotocetraric acid	57
Funkioside A	see Trillin
6,7-Furanocoumarin	see Psoralen
Furanoeudesma 1,3-diene	58
Furocoumarin	see Psoralen
Fuziline	58
GABA	see γ-Aminobutyric acid
2''-O-Galactosylorientin	see Orientin 2''-galactoside
Galangal acetate	see 1'-Acetoxychavicol acetate
Galangin	58
Galangin flavanone	see Pinocembrin
Galanthamine hydrobromide	58
Gallic acid	58
Gallic acid 3,5-dimethyl ether	see Syringic acid
Gallic acid ethyl ester	see Ethyl gallate
Gallic acid methyl ester	see Methyl gallate
(-)-Gallocatechin	58
(-)-Gallocatechin 3-gallate	58
Gallogen	see Ellagic acid
Gallotannin 1	see β-Glucogallin
Gallotannin 15	see 1,2,3,4,6-Pentagalloyl β-D-glucose
3-O-Galloylepicatechin	see (-)-Epicatechin 3-gallate
1-O-Galloyl β-D-glucose	see β-Glucogallin
2''-Galloylhyperin	58
3-Galloylquinic acid	see Theogallin
Gambogic acid	58
Ganoderic acid A	59
Ganoderic acid B	59
Ganoderic acid D	59
Ganoderic acid F	59
Garcinia acid lactone	see (-)-Hydroxycitric acid lactone
Garcinone C	59
Garcinone D	59
Gardenin B	59
Gartanin	59
Gastrodin	59
Gazarin	see Asarylaldehyde
GC	see (-)-Gallocatechin
GCG	see (-)-Gallocatechin 3-gallate
Gekogenin	see Hecogenin
Gelsemine	60
Gelseminic acid	see Scopoletin
Genipin	60
Geniposide	60
Geniposidic acid	60
Genistein	60
Genistein 4'-O-glucoside	see Sophoricoside
Genistein 7-glucoside	see Genistin
Genistein 4'-methyl ether	see Biochanin A
Genisterin	see Genistein
Genistin	60
Genistoside	see Genistin
Genkwanin	60
Genkwanin 6-C-glucoside	see Swertisin
Gentiopicrin	see Gentiopicroside
Gentiopicroside	60
Geralen	see Bergapten
Geraniin	60
5-Geranoxypsoralen	see Bergamottin
7-Geranyloxycoumarin	see Aurapten
8-Geranyloxypsoralen	61
Germacrone	61

Reference Substance / Synonym	Page / Reference Substance
Giganteaside J	see Macranthoidin A
Giganteoside J	see Macranthoidin A
Giganteumgenin C	see Oleanolic acid
6-Gingerol	61
8-Gingerol	61
10-Gingerol	61
Ginkgetin	61
Ginkgolic acid I	see Ginkgolic acid C15:1
Ginkgolic acid II	see Ginkgolic acid C17:1
Ginkgolic acid C13:0	61
Ginkgolic acid C15:1	61
Ginkgolic acid C17:1	61
Ginkgolic acids RN	62
Ginkgolide A	62
Ginkgolide B	62
Ginkgolide C	62
Ginkgolide J	62
Ginkgoneolic acid	see Ginkgolic acid C13:0
Ginkgotin	see Ginkgetin
Ginkgotoxin hydrochloride	62
Ginsenoside A1	see Pseudoginsenoside F11
Ginsenoside A2	see Ginsenoside Rg1
Ginsenoside B2	see Ginsenoside Re
Ginsenoside C	see Ginsenoside Rb2
Ginsenoside C-K	62
Ginsenoside g1	see Ginsenoside Rg1
Ginsenoside Gyp17	see Gypenoside XVII
Ginsenoside K	see Ginsenoside C-K
Ginsenoside Ng-R2	see Notoginsenoside R2
Ginsenoside Rb1	62
Ginsenoside Rb2	62
Ginsenoside Rb3	63
Ginsenoside Rc	63
Ginsenoside Rd	63
Ginsenoside Re	63
Ginsenoside Rf	63
Ginsenoside Rg1	63
Ginsenoside Rg2	63
Ginsenoside Rg3	63
Ginsenoside Rg5	63
Ginsenoside Rh1	64
Ginsenoside Rh2	64
Ginsenoside Ro	64
Gitogenin	64
Glabridin	64
Gledigenin 1	see Oleanolic acid
Globulariacitrin	see Rutin
Glucobarbarin potassium salt	64
Glucoberteroin potassium salt	64
Glucobrassicanapin potassium salt	64
Glucobrassicin potassium salt	64
Glucocheirolin potassium salt	65
Glucocyanidin chloride	see Cyanidin 3-glucoside chloride
Glucoerucin potassium salt	65
Glucofrangulin A	65
Glucofrangulin B	65
β-Glucogallin	65
Glucoiberin potassium salt	65
Glucoluteolin	see Luteolin 7-glucoside
Gluconapin potassium salt	65
Gluconasturtiin potassium salt	65
Glucopeonidin chloride	see Peonidin 3-glucoside chloride
Glucoraphanin potassium salt	65
Glucoraphasatin potassium salt	66
Glucoraphenin potassium salt	66
Glucorapiferin potassium salt	see Progoitrin potassium salt
Glucosibarin	66
8-Glucosidorhein 9-anthrone	see Rhein 8-glucoside
Glucosinalbin potassium salt	see Sinalbin potassium salt
6-C-Glucosylapigenin	see Isovitexin
8-C-Glucosylapigenin	see Vitexin
sec-O-Glucosylhamaudol	66
7-O-Glucosylisovitexin	see Saponarin
3-Glucosylkaempferol	see Kaempferol 3-glucoside
Glucosylluteolin	see Luteolin 7-glucoside
4'-O-β-D-Glucosyl 5-O-methylvisamminol	66
1-O-β-D-Glucosylorcinol	see Orcinol β-D-glucoside
3-Glucosylquercetin	see Quercetin 3-glucoside
8-Glucosylrhein	see Rhein 8-glucoside
2''-Glucosylvitexin	see Vitexin 2''-glucoside
6-C-Glucosyl 8-C-xylosylapigenin	see Vicenin III
Glucotropaeolin potassium salt	66
Glutamic acid 5-amide	see L-Glutamine
L-Glutamic acid	66
L-Glutamine	66

Reference Substance / Synonym	Page / Reference Substance
Glychionide B	see Wogonoside
Glycitein	66
Glycitein 7-O-glucoside	see Glycitin
Glycitin	67
Glycol salicylate	see 2-Hydroxyethyl salicylate
Glycoside A3	see Rebaudioside A
Glycoside L-E1	see α-Hederin
Glycoside L-G3	see Dipsacoside B
Glycoside X	see Rebaudioside A
18α-Glycyrrhetic acid	see 18α-Glycyrrhetinic acid
18β-Glycyrrhetic acid	see 18β-Glycyrrhetinic acid
Glycyrrhetin	see 18β-Glycyrrhetinic acid
18α-Glycyrrhetinic acid	67
18β-Glycyrrhetinic acid	67
Glycyrrhetinic acid glycoside	see Glycyrrhizin
Glycyrrhizic acid	see Glycyrrhizin
18β-Glycyrrhizic acid ammonium salt	see Glycyrrhizin ammonium salt
Glycyrrhizin	67
Glycyrrhizin ammonium salt	67
Glycyrrhizinic acid	see Glycyrrhizin
Glyoxyldiureide	see Allantoin
Gomisin A	see Schisandrol B
Gomisin B	see Schisantherin B
Gomisin C	see Schisantherin A
Gomisin G	67
Gomisin K3	see Schisanhenol
Gossypetin 3',8-dimethyl ether	see Limocitrin
Gossypetin 8-glucoside	see Gossypin
Gossypetin 8-glucuronide	see Hibifolin
Gossypetin 3-methylether	67
Gossypetin 3,3',8-trimethylether	67
Gossypin	67
Gossypol	68
Gouguside 1	see Ziyuglycoside II
Gouguside 7	see Ziyuglycoside I
Gracillin	68
Gramine	68
Gratibain	see g-Strophanthin
Gratiotoxin	see Cucurbitacin E-2-O-glucoside
Gratus strophanthin	see g-Strophanthin
Grayanotoxin I	68
Griffonilide	68
Griffonin	68
Grosvenorine	68
Guaiaverin	68
Guaiazulene	68
Guajaverin	see Guaiaverin
Guggulsterone E	69
Guggulsterone Z	69
Gummiferin	see Carboxyatractyloside
β-Guttiferin	see Gambogic acid
Gymnemagenin	69
Gynosaponin C	see Ginsenoside Rb1
Gynosaponin S	see Gypenoside XVII
Gypenoside III	see Ginsenoside Rb1
Gypenoside IV	see Ginsenoside Rb3
Gypenoside VIII	see Ginsenoside Rd
Gypenoside XVII	69
Gypenoside XLIX	69
Halazuchome B	see Valtrate
Hamamelitannin	69
Hanfangchin A	see Tetrandrine
Harmaline	69
Harmalol hydrochloride	69
Harmidine	see Harmaline
Harmidol hydrochloride	see Harmalol hydrochloride
Harmine	69
Harpagide	70
Harpagide 8-acetate	see 8-Acetylharpagide
Harpagoside	70
Hastatoside	70
Hecogenin	70
Hederacoside C	70
Hederacoside D	70
Hederagenic acid	see Hederagenin
Hederagenin	70
Hederagenol	see Hederagenin
Hederasaponin C	see Hederacoside C
α-Hederin	70
Hederoside C	see α-Hederin
Hederoside H1	see Hederacoside C
Hedysarid	see Mangiferin
Helenin	see Alantolactone
Helicid	70
Heliotrine	71
Heliotrine N-oxide	71
Helixin	see α-Hederin
Helveticoside	71
Hemslecin A	71
Henine	see Lucidin
6-(10Z)-Heptadecenylsalicylic acid	see Ginkgolic acid C17:1
3,3',4',5,6,7,8-Heptamethoxyflavone	71
(+/-)-Heraclenin	71
Heraclin	see Bergapten
Herbacetin	71
Herbacetin 7-glucosylrhamnoside	see Rhodiosin
Herniarin	see 7-Methoxycoumarin
Hesperetic acid	see trans-Isoferulic acid
Hesperetin	71
Hesperetin 7-neohesperidoside	see Neohesperidin
Hesperetin 7-rhamnoglucoside	see Hesperidin
Hesperetin 7-rhamnoglucoside	see Neohesperidin
Hesperetin 7-rutinoside	see Hesperidin
Hesperidin	71
Hesperidoside	see Hesperidin
Hesperitin	see Hesperetin
2E,4E-Hexadienoic acid	see Sorbic acid
Hexahydrocurcumin	72
3,3',4',5,5',7-Hexahydroxyflavanone	see Dihydromyricetin
3,3',4',5,5',7-Hexahydroxyflavone	see Myricetin
3,3',4',5,7,8-Hexahydroxyflavone 8-glucoside	see Gossypin
3,3',4',5,7,8-Hexahydroxyflavone 8-glucuronide	see Hibifolin
3,3',4',5,5',7-Hexahydroxyflavone 3-rhamnoside	see Myricitrin
3,3',4',5,5',7-Hexahydroxyflavylium chloride	see Delphinidin chloride
3',4',5,6,7,8-Hexamethoxyflavone	see Nobiletin
Hexandraside F	see Epimedin A1
Hibifolin	72
Higenamine hydrochloride	72
Hinokinin	72
Hirsutrin	see Quercetin 3-glucoside
Hispidulin	72
Hispidulin 7-glucoside	72
Hispiduloside	see Hispidulin 7-glucoside
Hocogenin	see Hecogenin
Homatropine hydrobromide	72
β-Homochelidonine	see α-Allocryptopine
Homoharringtonine	72
Homoorientin	72
Homoplantaginin	see Hispidulin 7-glucoside
Homoprotocatechuyl alcohol	see Hydroxytyrosol
Homovitexin	see Isovitexin
Honokiol	73
Hordenine	73
Hortensin	see Pectolinarigenin
Hosenkoside A	73
Hosenkoside B	73
Hosenkoside C	73
Hosenkoside K	73
HPMF	see Enterolactone
HSYA	see Hydroxysafflor yellow A
L-5-HTP	see 5-Hydroxy L-tryptophan
Huanghuahaosu	see Artemisinin
Huazhongilexone	see Eriodictyol
Hulupinic acid	73
α-Humulene	73
Huperzine A	73
Huperzine B	74
Hydrangin	see Umbelliferone
Hydrastine	74
Hydrocinchonine	see (+)-Dihydrocinchonine
Hydroconquinine	see (+)-Dihydroquinidine
Hydroisoferulic acid	see Dihydroisoferulic acid
Hydroquinidine	see (+)-Dihydroquinidine
Hydroquinine	see (-)-Dihydroquinine
Hydroquinone	74
Hydroquinone β-D-glucopyranoside	see Arbutin
Hydroscine hydrobromide	see Scopolamine hydrobromide
4'-Hydroxyacetophenone	74
p-Hydroxyacetophenone D-glucoside	see Picein
2-Hydroxy 5-allylanisole	see Eugenol
6-Hydroxyapigenin	see Scutellarein
8'-Hydroxyarctigenin 4'-glucoside	see Tracheloside
2-Hydroxyarctiin	see Tracheloside
7-Hydroxyaristolochic acid A	see 7-Hydroxyaristolochic acid I
7-Hydroxyaristolochic acid I	74
6β-Hydroxyasiatic acid	see Madecassic acid
8β-Hydroxyasterolide	see Atractylenolide III
4-Hydroxy 1,3-benzenedicarboxylic acid	see 4-Hydroxyisophthalic acid
2-Hydroxybenzoic acid	see Salicylic acid
4-Hydroxybenzoic acid	see p-Hydroxybenzoic acid

Reference Substance / Synonym	Page / Reference Substance
4-Hydroxybenzoic acid butyl ester	see Butyl p-hydroxybenzoate
2-Hydroxybenzoic acid methyl ester	see Methyl salicylate
p-Hydroxybenzoic acid	74
4-Hydroxybenzyl alcohol 4-O-β-D-glucoside	see Gastrodin
p-Hydroxybenzylglucosinolate potassium salt	see Sinalbin potassium salt
23-Hydroxybetulinic acid	see Anemosapogenin
2(R)-Hydroxy 3-butenylglucosinolate potassium salt	see Progoitrin potassium salt
2(S)-Hydroxy 3-butenylglucosinolate potassium salt	see Epiprogoitrin potassium salt
trans-2-Hydroxycinnamic acid	see trans-o-Coumaric acid
trans-3-Hydroxycinnamic acid	see trans-m-Coumaric acid
trans-4-Hydroxycinnamic acid	see trans-p-Coumaric acid
4-Hydroxycinnamyl alcohol	see p-Coumaroyl alcohol
(-)-Hydroxycitric acid lactone	74
7-Hydroxycoumarin	see Umbelliferone
2-Hydroxy p-cymene	see Carvacrol
10-Hydroxy 2-decenoic acid	74
7-Hydroxy 6-desoxyverbenalin	see Loganin
4-Hydroxy 3,5-dimethoxybenzoic acid	see Syringic acid
trans-4-Hydroxy 3,5-dimethoxycinnamic acid	see trans-Sinapic acid
6-Hydroxy 5,7-dimethoxycoumarin	see Fraxinol
7-Hydroxy 5,6-dimethoxycoumarin	see Umckalin
7-Hydroxy 6,8-dimethoxycoumarin	see Isofraxidin
4'-Hydroxy 2,4-dimethoxydihydrochalcone	see Loureirin A
5-Hydroxy 4',7-dimethoxyflavanone	see Naringenin 4',7-dimethylether
5-Hydroxy 7,8-dimethoxyflavone	see 7-O-Methylwogonin
trans-4-Hydroxy 3',5'-dimethoxystilbene	see trans-Pterostilbene
p-Hydroxy N,N-dimethylphenethylamine	see Hordenine
5-Hydroxy 1,7-diphenyl 6-hepten 3-one	74
20-Hydroxy α-ecdysone	see β-Ecdysone
2-Hydroxyethyl salicylate	75
trans-5-Hydroxyferulic acid	75
4-Hydroxyflavokawain B	see Flavokawain C
3'-Hydroxyformononetin	see Calycosin
6α-Hydroxygeniposide	see Deacetylasperulosidic acid methyl ester
3'-Hydroxygenkwanin	see Luteolin 7-methyl ether
1-Hydroxyginkgolide A	see Ginkgolide B
7-Hydroxyginkgolide A	see Ginkgolide J
11-Hydroxyharmalan hydrochloride	see Harmalol hydrochloride
6-Hydroxyhyoscyamine hydrobromide	see Anisodamine hydrobromide
2'-Hydroxy 4',6'-dimethoxychalcone	see Flavokawain B
4-Hydroxy L-isoleucine	75
4-Hydroxyisophthalic acid	75
3'-Hydroxykaempferol	see Quercetin
8-Hydroxykaempferol	see Herbacetin
6-Hydroxykaempferol 3,4',6-trimethyl ether	see Santin
6-Hydroxykaempferol 3,6,7-trimethyl ether	see Penduletin
13-Hydroxykaurenoic acid	see Steviol
Hydroxylizaric acid	see Purpurin
6-Hydroxyluteolin 3',6-dimethyl ether	see Jaceosidin
2'-Hydroxy 4'-methoxyacetophenone	see Paeonol
4'-Hydroxy 3'-methoxyacetophenone	see Apocynin
4-Hydroxy 3-methoxyacetophenone 4-glucoside	see Androsin
4-Hydroxy 3-methoxybenzaldehyde	see Vanillin
4-Hydroxy 3-methoxybenzoic acid	see Vanillic acid
4-Hydroxy 3-methoxybenzoic acid 4-β-D-glucoside	see Vanillic acid 4-β-D-glucoside
3-Hydroxy 4-methoxy trans-cinnamic acid	see trans-Isoferulic acid
4-Hydroxy 3-methoxy trans-cinnamic acid	see trans-Ferulic acid
7-Hydroxy 6-methoxycoumarin	see Scopoletin
7-Hydroxy 6-methoxycoumarin 7-glucoside	see Scopolin
7-Hydroxy 5-methoxyflavanone	see Alpinetin
5-Hydroxy 7-methoxyflavone	see Tectochrysin
3-Hydroxy 4-methoxyhydrocinnamic acid	see Dihydroisoferulic acid
4'-Hydroxy 7-methoxyisoflavone	see Isoformononetin
7-Hydroxy 4'-methoxyisoflavone	see Formononetin
7-Hydroxy 4'-methoxyisoflavone 7-glucoside	see Ononin
4'-Hydroxy 7-methoxy 6-(3-methyl 2-butenyl) flavanone	see Bavachinin
(E)-3-Hydroxy 5-methoxystilbene	see Pinosylvin monomethyl ether
3-Hydroxymethylchrysazine	see Aloe emodin
5-Hydroxy 2-methyl 1,4-naphthoquinone	see Plumbagin
5-Hydroxy 1,4-naphthoquinone	see Juglone
15α-Hydroxyneoline	see Fuziline
2α-Hydroxyoleanolic acid	see Maslinic acid
17-Hydroxyparis II	see Paris VII
2'-Hydroxypelargidenolon 1522	see Morin
5-Hydroxy 3',4',6,7,8-pentamethoxyflavone	see 5-Demethylnobiletin
5-Hydroxy 3,6,7,3',4'-pentamethoxyflavone	see Artemetin
Hydroxypeucedanin hydrate	see Oxypeucedanin hydrate
p-Hydroxyphenethyl alcohol	see Tyrosol
2-Hydroxyphenol	see Catechol
3-Hydroxyphenol	see Resorcinol
4-Hydroxyphenol	see Hydroquinone
(E)-3-(2-Hydroxyphenyl)acrylic acid	see trans-o-Coumaric acid

Reference Substance / Synonym	Page / Reference Substance
(E)-3-(3-Hydroxyphenyl)acrylic acid	see trans-m-Coumaric acid
(E)-3-(4-Hydroxyphenyl)acrylic acid	see trans-p-Coumaric acid
4-Hydroxyphenylethanone	see 4'-Hydroxyacetophenone
2(R)-Hydroxy 2-phenylethylglucosinolate	see Glucosibarin
2(S)-Hydroxy 2-phenylethylglucosinolate potassium salt	see Glucobarbarin potassium salt
p-Hydroxyphenyl β-D-glucoside	see Arbutin
p-Hydroxyphenyl methyl ketone	see 4'-Hydroxyacetophenone
3-(p-Hydroxyphenyl) 2-propene 1-ol	see p-Coumaroyl alcohol
16β-Hydroxypseudotaraxasterol	see Faradiol
8-Hydroxypsoralen	see Xanthotoxol
3'-Hydroxypuerarin	75
Hydroxysafflor yellow A	75
α-Hydroxyscopolamine hydrobromide	see Anisodine hydrobromide
5-Hydroxy 3,3',4',7-tetramethoxyflavone	see Quercetin 3,3',4',7-tetramethylether
5-Hydroxy 4',6,7,8-tetramethoxyflavone	see Gardenin B
2α-Hydroxytigogenin	see Gitogenin
3α,β-Hydroxytiruallic acid	see α,β-Elemolic acid
2'-Hydroxy 4,4',6'-trimethoxychalcone	see Flavokawain A
4'-Hydroxy 2,4,6-trimethoxydihydrochalcone	see Loureirin B
6β-Hydroxytropinone	75
5-Hydroxy L-tryptophan	75
Hydroxytyrosol	75
2α-Hydroxyursolic acid	see Corosolic acid
Hydroxyvalerenic acid	76
27-Hydroxywithanolide B	see 12-Deoxywithastramonolide
Hyoscine hydrobromide	see Scopolamine hydrobromide
Hyoscine N-oxide hydrobromide	see Scopolamine N-oxide hydrobromide
Hyoscyamine sulfate	76
Hypaconitine	76
Hyperforin (stable Dicyclohexylammonium salt)	76
Hypericin	76
Hyperin	see Hyperoside
Hyperoside	76
Hyperoside 2''-gallate	see 2''-Galloylhyperin
Hypolide	see Triptophenolide
Hypophyllanthin	76
Icariin	76
Icariin I	see Icariside I
Icariin II	see Icariside II
Icariside I	76
Icariside II	77
Icaritin	77
Ideain chloride	see Cyanidin 3-galactoside chloride
Iearilline	see Icariin
Ilexanthin A	see Eleutheroside B
Ilexsaponin A	77
Ilixanthin	see Rutin
Imperatorin	77
Imperatorin epoxide	see (+/-)-Heraclenin
Imperialine	see Sipeimine
Incensole	77
Incensole acetate	77
Indicine hydrochloride	77
Indicine N-oxide	77
Indigo	see Indigotin
Indigopurpurin	see Indirubin
Indigo Red	see Indirubin
Indigotin	77
Indirubin	78
3-Indolylmethylglucosinolate potassium salt	see Glucobrassicin potassium salt
Inermine	see (-)-Maackiain
Intermedine	78
Intermedine 1-acetate	see 7-Acetylintermedine
Intermedine 1-acetate N-oxide	see 7-Acetylintermedine N-oxide
Intermedine N-oxide	78
Inula Camphor	see Alantolactone
Iridin	78
Iriflophenone 3-C-glucoside	78
Irigenin	78
Irigenin 7-glucoside	see Iridin
Irisflorentin	78
Isatidine	see Retrorsine N-oxide
Isoacteoside	see Isoverbascoside
Isoalantolactone	78
Isoanethole	see Estragole
Isoarnebin 4	see Shikonin
Isoarticulatidin	see Herbacetin
cis-Isoasarone	see β-Asarone
trans-Isoasarone	see α-Asarone
Isoaurostatin	see Daidzein
Isobacachalcone	see Isobavachalcone
Isobarbaloin	see Aloin B
Isobavachalcone	78
Isobergapten	79

Reference Substance / Synonym	Page / Reference Substance
Isochlorogenic acid A	see 3,5-Dicaffeoylquinic acid
Isochlorogenic acid B	see 4,5-Dicaffeoylquinic acid
Isochlorogenic acid C	see 3,4-Dicaffeoylquinic acid
(+)-Isocorydine hydrochloride	79
7-Isocorynoxine	see Corynoxine B
Isodonol	see Oridonin
Isoescin IA	79
Isoescin IB	79
trans-Isoferulic acid	79
Isoformononetin	79
Isoforskolin	79
Isofraxidin	79
Isogentisin	79
Isoginkgetin	80
18-Isoglycyrrhetinic acid	see 18α-Glycyrrhetinic acid
Isohelenin	see Isoalantolactone
Isoimperatorin	80
Isoinokosterone	see β-Ecdysone
Isolactucerol	see Taraxasterol
Isolactucerol acetate	see Taraxasterol acetate
Isolanide	see Lanatoside C
Isoliquiritigenin	80
Isoliquiritin	80
Isoliquiritoside	see Isoliquiritin
Isomangiferin	80
(+)-Isomenthol	80
Isomenthone	80
Isomitraphylline	80
Isomogroside V	80
Isonaringin	see Narirutin
Isoolivil	see Cycloolivil
Isoorientin	see Homoorientin
8-Isopentenyloxypsoralene	see Imperatorin
Isopimpinellin	81
5-Isopropyl 2-methylanisole	see Carvacrol methyl ether
Isopsoralen	see Angelicin
Isopteropodine	see Uncarine E
Isoquercetin	see Quercetin 3-glucoside
Isoquercetrin	see Quercetin 3-glucoside
Isoquercitrin	see Quercetin 3-glucoside
Isorhamnetin	81
Isorhamnetin 3,7-dimethyl ether	see Pachypodol
Isorhamnetin 3-neohesperidoside	81
Isorhamnetin 3-(2''-rhamnosylrutinoside)	see Typhaneoside
Isorhamnetin 3-rutinoside	81
Isorhamnetol	see Isorhamnetin
Isorhamnetol 3-rutinoside	see Isorhamnetin 3-rutinoside
Isorhapontigenin	81
Isorhynchophylline	81
Isosakuranetin	81
Isosakuranetin 7-neohesperidoside	see Poncirin
Isosakuranetin 7-rutinoside	see Didymin
Isosalipurpol	see Naringenin chalcone
Isoschaftoside	81
Isosilybin (A + B mixture)	81
Isosilybin A	82
Isosilybin B	82
Isosilybinin	see Isosilybin (A + B mixture)
Isosteviol	82
Isothymol	see Carvacrol
Isoverbascoside	82
Isovitexin	82
Isovitexin 7-glucoside	see Saponarin
Isoxanthohumol	82
Jaceosidin	82
Jacobine	82
Jacobine N-oxide	82
Jacodine	see Seneciphylline
Jaligonic acid 30-methyl ester	see Phytolaccagenin
Jamogenin	see Yamogenin
Jatrorrhizine chloride	83
Jerva acid	see Chelidonic acid
Jervaic acid	see Chelidonic acid
Jervasic acid	see Chelidonic acid
Jervine	83
Juglone	83
Jujubogenin isomer of Bacopasaponin C	see Bacopaside X
Jujuboside A	83
Jujuboside B	83
Junipene	see (+)-Longifolene
Kaempferide	83
Kaempferin	see Kaempferol 3-rhamnoside
Kaempferitrin	83
Kaempferol	83
Kaempferol 3-(6''-trans-p-coumaroyl)glucoside	see Tiliroside
Kaempferol 3,4'-diglucoside 7-rhamnoside	83
Kaempferol 3,7-di-O-α-L-rhamnoside	see Kaempferitrin
Kaempferol 3-(2G-galactosylrutinoside)	see Camelliaside A
Kaempferol 3-gentiobioside	84
Kaempferol 3-glucoside	84
Kaempferol 4'-methyl ether	see Kaempferide
Kaempferol 7-methyl ether	see Rhamnocitrin
Kaempferol 3-rhamnoside	84
Kaempferol 3-rhamnoside 7-(2''-glucosylrhamnoside)	see Grosvenorine
Kaempferol 3-robinoside 7-glucoside	84
Kaempferol 3-rutinoside	84
Kaempferol 3-sambubioside	84
Kaempferol 3-(2G-xylosylrutinoside)	see Camelliaside B
Kahweol	84
Kakonein	see Puerarin
Kalopanaxsaponin A	see α-Hederin
Kalopanaxsaponin B	see Hederacoside C
Kampcetin	see Kaempferol
Karanjin	84
Kashmirine	see Sipeimine
Katuranin	see Dihydrokaempferol
Kaurenoic acid	84
Kavahin	see Methysticin
D,L-Kavain	85
Kavatin	see Methysticin
KBA	see 11-keto-β-Boswellic acid
Kenidine	see Koenigicine
Kenigicine	see Koenigicine
Kenimbidine	see Koenigicine
Kenimbine	see Koenimbine
Keracyanin chloride	see Cyanidin 3-rutinoside chloride
Ketoisostevic acid	see Isosteviol
3-Ketooleanolic acid	see Oleanonic acid
17-Ketosterone	see Androstenedione
Khasianine	85
Khellin	85
Kimpukan A	see Huperzine A
Kinidin	see (+)-Quinidine
Kirenol	85
Kizuta saponin K6	see α-Hederin
Kizuta saponin K12	see Hederacoside C
Koenidine	see Koenigicine
Koenigicine	85
Koenimbidine	see Koenigicine
Koenimbine	85
Kombetin	see g-Strophanthin
Koronaroside A	see α-Hederin
Koronaroside B	see Hederacoside C
Koumine	85
Kudinoside H	see Ziyuglycoside I
Kukoamine A	85
Kukoamine B	85
Kukoline hydrochloride	see Sinomenine hydrochloride
Kuromanin chloride	see Cyanidin 3-glucoside chloride
Kuromatsuene	see (+)-Longifolene
Kusaginin	see Verbascoside
Kushenol F	see Sophoraflavanone G
Laburnin	see Cytisine
Lactucerol	see Taraxasterol
Lagistase	see Ellagic acid
Lamalboside	see Teupolioside
Lamiuside A	see Teupolioside
Lanatigen C	see Lanatoside C
Lanatoside C	86
Lanatoxin	see Digitoxin
Lancerin	86
Lapachol	86
Larixyl acetate	86
Lasiocarpine	86
Lasiocarpine N-oxide	86
Lathyrol	86
Laurelliptine	see Norisoboldine
Lavandulol	86
Lavandulyl acetate	86
Leiocarposide	87
Leiyemudanoside A	see Asperosaponin VI
Leonurine hydrochloride	87
Lespecapitioside	see Homoorientin
Lespedin	see Kaempferitrin
Lespenephryl	see Kaempferitrin
Leucoharmine	see Harmine
Leucoside	see Kaempferol 3-sambubioside
Levoglutamide	see L-Glutamine
Levomenol	see (-)-α-Bisabolol

Reference Substance / Synonym	Page / Reference Substance
Levomenthol	see (-)-Menthol
Lichenic acid	see Fumaric acid
Licochalcone A	87
cis-Ligustilide	see Z-Ligustilide
Z-Ligustilide	87
Ligustrazine	87
Ligustrin	see Eleutheroside B
Ligustroflavone	87
Lilacin	see Eleutheroside B
Lilioglycoside A	see Trillin
Lilioglycoside D	see Prosapogenin A
Lilioglycoside G	see Gracillin
Limacine	see Fangchinoline
Limettin	see Citropten
Limocitrin	87
Limonin	87
Linalol	see Linalool
Linalool	87
Linalool acetate	see Linalyl acetate
Linalyl acetate	88
Linalyl alcohol	see Linalool
Linanool	see Linalool
Linarigenin	see Acacetin
Linarigenin glycoside	see Linarin
Linarin	88
Linarine hydrochloride	see Vasicine hydrochloride
Linderalactone	88
Linderane	88
Liquidambaric acid	see Betulonic acid
Liquidambronic acid	see Betulonic acid
Liquiritigenin	88
Liquiritigenin 4'-apiosylglucoside	see Liquiritin apioside
Liquiritigenin 7-glucoside	see Neoliquiritin
Liquiritin	88
Liquiritin apioside	88
Liquiritoside	see Liquiritin
Liriope muscari Saponin C	88
Lithospermic acid	88
Lithospermic acid A	see Lithospermic acid
Lithospermic acid B	see Salvianolic acid B
Lithospermoside	see Griffonin
Lobatoside H	see Tubeimoside I
Loganic acid	89
Loganin	89
Loganoside	see Loganin
(+)-Longifolene	89
α-Longilobine	see Seneciphylline
β-Longilobine	see Retrorsine
Lonicerin	89
Loniceroside	see Lonicerin
Loureirin A	89
Loureirin B	89
Lovastatin	see Monacolin K
Lucidin	89
Lucidin 3-primeveroside	89
Lupatic acid	see Betulinic acid
Lupenol	see Lupeol
Lupeol	89
Lutein	90
Luteolin	90
Luteolin 3',7-di-O-glucuronide	90
Luteolin 7-diglucuronide	90
Luteolin 6-C-glucoside	see Homoorientin
Luteolin 7-glucoside	90
Luteolin 8-C-glucoside	see Orientin
Luteolin 3'-glucuronide	90
Luteolin 7-glucuronide	90
Luteolin 4'-methyl ether	see Diosmetin
Luteolin 7-methyl ether	90
Luteolin 7-neohesperidoside	see Lonicerin
Luteolol	see Luteolin
Luteoloside	see Luteolin 7-glucoside
Lutexin	see Orientin
Lutonaretin	see Homoorientin
Lycium substance B	see Withanolide B
Lycopersicin	see Tomatine
Lycopsamine	90
Lycopsamine 1-acetate	see 7-Acetyllycopsamine
Lycopsamine N-oxide	91
Lycoremine hydrobromide	see Galanthamine hydrobromide
Lycoricidinol	see Narciclasine
(-)-Maackiain	91
(-)-Maackiain 3-O-glucoside	see Trifolirhizin
Macelignan	91
Macleyine	see Protopine

Reference Substance / Synonym	Page / Reference Substance
Macranthoidin A	91
Macranthoidin B	91
Macranthoiside I	see Macranthoidin B
Madecassic acid	91
Madecassol	see Asiaticoside
Madecassoside	91
Magnoflorine chloride	91
Magnolenin	see Eleutheroside B
Magnolin	91
Magnolol	92
Mahanimbine	92
Mairin	see Betulinic acid
Majudin	see Bergapten
Maleic acid	92
N-Malonyl DL-tryptophan	92
Malvidin chloride	92
Malvidin 3,5-diglucoside chloride	92
Malvidin 3-galactoside chloride	92
Malvidin 3-glucoside chloride	92
Malvin chloride	see Malvidin 3,5-diglucoside chloride
Manassantin A	92
Manassantin B	93
Mandelonitrile β-gentiobioside	see Amygdalin
Mandelyltropeine hydrobromide	see Homatropine hydrobromide
Mangiferin	93
Mangostin	93
α-Mangostin	see Mangostin
γ-Mangostin	93
Marindinin	see Dihydrokavain
Marmelide	see Imperatorin
Marmelosin	see Imperatorin
(+)-Marmesin	93
(+)-Marmesinin	see Nodakenin
Marrubiin	93
Marrubin	see Marrubiin
Maslinic acid	93
(-)-Matairesinol	93
Matridin 15-one	see Matrine
5β-Matridin 15-one	see Sophoridine
Matridin 15-one 1-oxide	see Oxymatrine
Matrine	93
Matrine N-oxide	see Oxymatrine
Medicagenic acid	94
Medioresinol dimethyl ether	see Magnolin
Melittoside	94
Melongoside B	see Trillin
(-)-p-Mentha 6,8-diene 2-one	see (-)-Carvone
(+)-p-Mentha 6,8-diene 2-one	see (+)-Carvone
cis-p-Menthan 3-one	see Isomenthone
p-Menth 1-ene 8-ol	see α-Terpineol
p-Menth 1-ene 3-one	see Piperitone
(+)-p-Menth 4(8)-ene 3-one	see R-(+)-Pulegone
(+)-Menthofuran	94
(-)-Menthol	94
(-)-Menthone	94
Mesaconitine	94
L-Methionine	94
6-Methoxyacacetin	see Pectolinarigenin
2-Methoxy 4-acetylphenol	see Apocynin
p-Methoxyallylbenzene	see Estragole
2-Methoxy 4-allylphenol	see Eugenol
5-Methoxyangelicin	see Isobergapten
6-Methoxyapigenin	see Hispidulin
6-Methoxyapigenin 7-glucoside	see Hispidulin 7-glucoside
6-Methoxyapigenin 4'-methyl ether	see Pectolinarigenin
6-Methoxybaicalein	see Oroxylin A
6-Methoxybaicalein 7-glucuronide	see Oroxylin A 7-glucuronide
4-Methoxy trans-caffeic acid	see trans-Isoferulic acid
12-Methoxycarnosic acid	see 12-O-Methylcarnosic acid
6-Methoxychrysophanic acid	see Physcion
6'-Methoxycinchonidine	see (-)-Quinine
2-Methoxycinnamaldehyde	94
trans-p-Methoxycinnamic acid ethyl ester	94
o-Methoxycinnamic aldehyde	see 2-Methoxycinnamaldehyde
Methoxyconiferine	see Eleutheroside B
7-Methoxycoumarin	95
2-Methoxy p-cymol	see Carvacrol methyl ether
4-Methoxyflavokawain B	see Flavokawain A
7-Methoxy 8-isopentenylcoumarin	see Osthole
8-Methoxyisorhamnetin	see Limocitrin
6-Methoxykaempferide	see Pectolinarigenin
4'-Methoxykaempferol	see Kaempferide
6-Methoxyluteolin	see Nepetin
6-Methoxyluteolin 3',7-dimethyl ether	see Cirsilineol
6-Methoxyluteolin 4',7-dimethyl ether	see Eupatorin

Reference Substance / Synonym	Page / Reference Substance
6-Methoxyluteolin 7-glucoside	see Nepetin 7-glucoside
6-Methoxyluteolin 3'-methyl ether	see Jaceosidin
6-Methoxy 4'-methylapigenin	see Pectolinarigenin
3-Methoxynobiletin	see 3,3',4',5,6,7,8-Heptamethoxyflavone
5-Methoxypsoralen	see Bergapten
8-Methoxypsoralen	see Xanthotoxin
3'-Methoxypuerarin	95
4-Methoxypyridoxine hydrochloride	see Ginkgotoxin hydrochloride
3'-Methoxyquercetin	see Isorhamnetin
7-Methoxyquercetin	see Rhamnetin
3'-Methoxyresveratrol	see Isorhapontigenin
3'-Methoxy 3,4',5-stilbenetriol	see Isorhapontigenin
4'-Methoxy 3,3',5-stilbenetriol	see Rhapontigenin
4'-O-Methylamentoflavone	see Bilobetin
4'-Methylapigenin	see Acacetin
7-Methylapigenin	see Genkwanin
7-O-Methylapigenin 6-C-glucoside	see Swertisin
7-O-Methylbavachin	see Bavachinin
3-Methylbetuletol	see Santin
16-O-Methylcafestol	95
N-Methylcalifornine perchlorate	see Californidine perchlorate
4'-Methylcapillarisin	see Pectolinarigenin
12-O-Methylcarnosic acid	95
Methylcarvacrol	see Carvacrol methyl ether
O-Methylcepharanoline	see Cepharanthine
Methyl chavicol	see Estragole
13-Methylchelidonine	see Corynoline
24α-Methylcholesterol	see Campesterol
3-Methylchrysazin	see Chrysophanol
7-Methylchrysin	see Tectochrysin
Methyl trans-cinnamate	95
N-Methylcoreximine chloride	see Phellodendrine chloride
N-Methylcrychine perchlorate	see Californidine perchlorate
3-Methylcyclopentadecanone	see Muscone
N-Methylcytisine	95
Methyl deactylasperulosidate	see Deacetylasperulosidic acid methyl ester
3-Methyl ellagic acid	95
6-O-Methylemodin	see Physcion
N-Methylescholtzine perchlorate	see Californidine perchlorate
6-Methylesculetin	see Scopoletin
Methyl gallate	95
4'-Methylgenistein	see Biochanin A
Methyl o-hydroxybenzoate	see Methyl salicylate
O-Methylisoscopoletin	see Scoparone
2-Methyljuglone	see Plumbagin
4'-Methylkaempferol	see Kaempferide
7-Methylkaempferol	see Rhamnocitrin
4'-Methylluteolin	see Diosmetin
7-O-Methylluteolin	see Luteolin 7-methyl ether
7-O-Methylmangiferin	95
4'-Methylnaringenin	see Isosakuranetin
7-O-Methylnaringenin	see Sakuranetin
4'-O-Methylnaringin	see Poncirin
9-O-Methylnissolin 3-O-glucoside	96
Methyloleoside	see Oleoside 11-methyl ester
Methylophiopogonanone A	96
Methylophiopogonanone B	96
Methylophiopogonone A	96
5-O-Methylpinocembrin	see Alpinetin
3'-Methylquercetin	see Isorhamnetin
7-Methylquercetin	see Rhamnetin
3'-Methylquercetin 3-rutinoside	see Isorhamnetin 3-rutinoside
Methyl salicylate	96
O-Methylscopoletin	see Scoparone
6-Methylscutellarein	see Hispidulin
6-Methylscutellarein 7-glucoside	see Hispidulin 7-glucoside
4-Methylsulfinyl 3-butenylglucosinolate potassium salt	see Glucoraphenin potassium salt
4-Methylsulfinylbutylglucosinolate potassium salt	see Glucoraphanin potassium salt
3-(Methylsulfinyl)propylglucosinolate potassium salt	see Glucoiberin potassium salt
3-(Methylsulfonyl)propylglucosinolate potassium salt	see Glucocheirolin potassium salt
7-Methyltheophylline	see Caffeine
4-Methylthio 3-butenylglucosinolate potassium salt	see Glucoraphasatin potassium salt
4-Methylthiobutylglucosinolate potassium salt	see Glucoerucin potassium salt
5-(Methylthio)pentylglucosinolate potassium salt	see Glucoberteroin potassium salt
Methyl 3,4,5-trihydroxybenzoate	see Methyl gallate
Methyl trimethoxycinnamoylreserpate	see Rescinnamine
Methylumbelliferone	see 7-Methoxycoumarin
8-Methyl N-vanillylnonamide	see Dihydrocapsaicin
8-Methyl N-vanillyl 6-nonenamide	see Capsaicin
7-Methyl N-vanillyloctanamide	see Nordihydrocapsaicin
5-O-Methylvisamminol	96

Reference Substance / Synonym	Page / Reference Substance
5-O-Methylvisamminol β-D-glucopyranoside	see 4'-O-β-D-Glucosyl 5-O-methylvisamminol
5-O-Methylvisammioside	see 4'-O-β-D-Glucosyl 5-O-methylvisamminol
7-O-Methylwogonin	96
Methysticin	96
Mevinolin	see Monacolin K
Mikwelianin	see Quercetin 3-glucuronide
Miliacin	96
Miquelianin	see Quercetin 3-glucuronide
Mirificin	97
Mitraphylline	97
Mitrinermine	see Rhynchophylline
Mogrol	97
Mogroside III-E	97
Mogroside IV	97
Mogroside V	97
Mollugin	97
Momordin Ic	97
Momordin IIb	see Chikusetsusaponin IVa
Monacolin K	97
Monoammonium glycyrrhizate	see Glycyrrhizin ammonium salt
Monocrotaline	98
Monocrotaline N-oxide	98
Monodemethoxycurcumin	see Demethoxycurcumin
Monogynol B	see Lupeol
Monorhein	see Rhein
Monotropein	98
Morellic acid	98
Morin	98
Morindin	98
Morindone 3-O-β-primeveroside	see Morindin
Morroniside	98
Morusin	98
Moschus ketone	see Muscone
Moslosooflavone	see 7-O-Methylwogonin
Moupinamide	see N-trans-Feruloyltyramine
Mulberrochromene	see Morusin
Mulberroside A	98
Murrayetin	see Scopoletin
Muscimol	99
Muscone	99
Myricetin	99
Myricetin 3-rhamnoside	see Myricitrin
Myricetol	see Myricetin
Myricitrin	99
Myricitroside	see Myricitrin
Myristicine	99
Myrticalorin	see Rutin
Myrtillin chloride	see Delphinidin 3-glucoside chloride
Narciclasine	99
Narcissin	see Isorhamnetin 3-rutinoside
Narcissoside	see Isorhamnetin 3-rutinoside
Nardosinone	99
Naringenin	99
Naringenin chalcone	99
Naringenin dihydrochalcone	see Phloretin
Naringenin 4',7-dimethylether	100
Naringeninic acid	see trans-p-Coumaric acid
Naringenin 4'-methyl ether	see Isosakuranetin
Naringenin 7-O-methyl ether	see Sakuranetin
Naringenin 7-neohesperidoside	see Naringin
Naringenin 7-rhamnoglucoside	see Naringin
Naringenin 7-rutinoside	see Narirutin
Naringin	100
Naringin dihydrochalcone	100
Naringoside	see Naringin
Narirutin	100
NDGA	see Nordihydroguaiaretic acid
Negundoside	100
Neoandrographolide	100
Neobavaisoflavone	100
Neochlorogenic acid	100
Neodiosgenin	see Yamogenin
Neodiosmin	100
Neoeriocitrin	101
Neogambogic acid	101
Neohesperidin	101
Neohesperidin dihydrochalcone	101
Neoliquiritin	101
Neomangiferin	101
Neoponcirin	see Didymin
Neoquassin	101
Neoruscogenin	101
Neoruscogenin/Ruscogenin mixture	see Ruscogenin/Neoruscogenin mixture
Nepalin 2	see α-Hederin
Nepetin	101

Reference Substance / Synonym	Page / Reference Substance
Nepetin 7-glucoside	102
Nepetrin	see Nepetin 7-glucoside
Nephrocizine	see Luteolin 7-glucoside
Nepitrin	see Nepetin 7-glucoside
Neprotine chloride	see Jatrorrhizine chloride
Neriol	see Oleandrin
Neriolin	see Oleandrin
Neriostene	see Oleandrin
Nevadensin	102
Nicotifiorin	see Kaempferol 3-rutinoside
Nicotiflorin	see Kaempferol 3-rutinoside
Nicotifloroside	see Kaempferol 3-rutinoside
Nicotine ditartrate	102
Nigakihemiacetal B	see Neoquassin
Nigakilactone D	see Quassin
Nimbecetin	see Kaempferol
Nimbosterol	see β-Sitosterol
Niranthin	102
Nitidine chloride	102
Nitogenin	see Diosgenin
Nobiletin	102
Nodakenetin β-D-glucopyranoside	see Nodakenin
Nodakenin	102
Nomilin	102
Nonanoic acid vanillylamide	see N-Vanillylnonamide
Nonivamide	see N-Vanillylnonamide
Nopinene	see β-Pinene
Noratropine	102
(+/-)-Norcoclaurine hydrochloride	see Higenamine hydrochloride
Nordihydrocapsaicin	103
8-Nordihydrocapsaicin	see N-Vanillylnonamide
Nordihydroguaiaretic acid	103
Norhyoscine	see Norscopolamine
Norisoboldine	103
Norizalpinin	see Galangin
Norkanugin	see Robinetin
Norkurarinone	see Sophoraflavanone G
Normangostin	see γ-Mangostin
Noroxylin	see Baicalein
Norscopolamine	103
Nortropinone hydrochloride	103
Notoginsenoside Fa	103
Notoginsenoside R1	103
Notoginsenoside R2	103
Notoginsenoside Rb1	see Ginsenoside Rb1
Notopterol	103
Nuciferine	104
Nucin	see Juglone
Nuezhenoside	see Ligustroflavone
Obaculactone	see Limonin
Obacunoic acid 3,4-lactone	see Obacunone
Obacunone	104
Obtusifolin	104
Oenidin chloride	see Malvidin chloride
Oenin chloride	see Malvidin 3-glucoside chloride
Oleacein	104
Oleandrin	104
Oleanolic acid	104
Oleanolic acid 3-glucuronide 28-glucoside	see Chikusetsusaponin IVa
Oleanonic acid	104
Oleanoside E	see Araloside A
Oleocanthal	104
Oleoside 11-methyl ester	104
Oleuropein	105
(-)-Olivil	105
Olmelin	see Biochanin A
α-Onocerin	105
Ononin	105
Ononoside	see Ononin
Ophiohayatone B	see Lucidin 3-primeveroside
Ophiopogonin C'	see Prosapogenin A
Ophiopogonin D	105
Orcinol β-D-glucoside	105
Oridonin	105
Orientin	105
Orientin 2''-galactoside	105
Orientoside	see Vitexin
Oroxin A	see Baicalein 7-glucoside
Oroxin B	see Baicalein 7-diglucoside
Oroxindin	see Wogonoside
Oroxylin A	106
Oroxylin A 7-glucuronide	106
Oroxyloside	see Oroxylin A 7-glucuronide
Osnovanine	see Peiminine
Osthole	106

Reference Substance / Synonym	Page / Reference Substance
Osyritrin	see Rutin
Ouabain	see g-Strophanthin
3-Oxobetulinic acid	see Betulonic acid
11-Oxomogroside III-E	106
11-Oxomogroside V	106
3-Oxooleanolic acid	see Oleanonic acid
12-Oxotigogenin	see Hecogenin
3-Oxotirucallic acid	see β-Elemonic acid
Oxyimperatorin	see (+/-)-Heraclenin
Oxymatrine	106
Oxypaeoniflorin	106
Oxypeucedanin	106
Oxypeucedanin hydrate	106
trans-Oxyresveratrol	107
Oxysophocarpine	107
Pachymic acid	107
Pachypodol	107
Paclitaxel	see Taxol
Paeonidin chloride	see Peonidin chloride
Paeoniflorin	107
Paeonin chloride	see Peonidin 3,5-diglucoside chloride
Paeonol	107
Paeonolide	107
Paliuroside	see Rutin
Palmatine chloride	107
Panaxadiol	107
Panaxatriol	108
Panaxoside A	see Ginsenoside Rg1
Panaxoside Rb1	see Ginsenoside Rb1
Panaxoside Rc	see Ginsenoside Rc
Panaxoside Re	see Ginsenoside Re
Panaxoside Rf	see Ginsenoside Rf
Panaxoside Rg1	see Ginsenoside Rg1
Panaxoside Rg2	see Ginsenoside Rg2
Panicolin	108
Pantherine	see Muscimol
Papaverine hydrochloride	108
Paprazine	see N-trans-p-Coumaroyltyramine
Parietin	see Physcion
Parigenin	see Sarsasapogenin
Paris VII	108
Parishin	108
Parishin B	108
Parishin C	108
Parishin E	108
Parissaponin	see Formosanin C
Paris saponin VII	see Paris VII
Parissaponin Pb	see Formosanin C
Parmelin	see Atranorin
Parmelin acid	see Atranorin
Parthenolide	108
Patchouli alcohol	109
Patchoulol	see Patchouli alcohol
Pectolarigenin	see Pectolinarigenin
Pectolinarigenin	109
Pectolinarigenin 7-rutinoside	see Pectolinarin
Pectolinarin	109
Pectolinaroside	see Pectolinarin
Pedalitin permethyl ether	see Sinensetin
Peduncloside	see Pedunculoside
Pedunculin	see Nevadensin
Pedunculoside	109
Peganine hydrochloride	see Vasicine hydrochloride
Peimine	109
Peiminine	109
Pelargidenolon	see Kaempferol
Pelarginedon	see Kaempferol
Pelargonic acid vanillylamide	see N-Vanillylnonamide
Pelargonidin chloride	109
Pelargonidin 3,5-diglucoside chloride	109
Pelargonidin 3-glucoside chloride	109
Pelargonidol chloride	see Pelargonidin chloride
Pelargonin chloride	see Pelargonidin 3,5-diglucoside chloride
α-Peltatin	110
Peltophorin	see Bergenin
Penduletin	110
Pennogenin 3-O-rhamnosylchacotrioside	see Paris VII
3-(8Z,11Z-Pentadecadienyl) 1,2-benzenediol	see Urushiol (15:2)
3-(8Z,11Z,14Z-Pentadecatrienyl) 1,2-benzenediol	see Urushiol (15:3)
3-(8Z-Pentadecenyl) 1,2-benzenediol	see Urushiol (15:1)
6-(8Z)-Pentadecenylsalicylic acid	see Ginkgolic acid C15:1
1,2,3,4,6-Pentagalloyl β-D-glucose	110
3,3',4',5,7-Pentahydroxyflavanone	see (+)-Taxifolin
2',3,4',5,7-Pentahydroxyflavone	see Morin
3,3',4',5,7-Pentahydroxyflavone	see Quercetin

Reference Substance / Synonym	Page / Reference Substance
3,3',4',5',7-Pentahydroxyflavone	see Robinetin
3,4',5,7,8-Pentahydroxyflavone	see Herbacetin
3,3',4',5,7-Pentahydroxyflavone 3-O-α-L-arabinofuranoside	see Avicularin
3,3',4',5,7-Pentahydroxyflavone 3-O-α-L-arabinopyranoside	see Guaiaverin
3,3',4',5,7-Pentahydroxyflavone dihydrate	see Quercetin dihydrate
3,3',4',5,7-Pentahydroxyflavone 3-galactoside	see Hyperoside
3,3',4',5,7-Pentahydroxyflavone 3-β-galactoside 2''-gallate	see 2''-Galloylhyperin
3,3',4',5,7-Pentahydroxyflavone 3-gentiobioside	see Quercetin 3-gentiobioside
3,3',4',5,7-Pentahydroxyflavone 3-glucoside	see Quercetin 3-glucoside
3,3',4',5,7-Pentahydroxyflavone 4'-glucoside	see Spiraeoside
3,3',4',5,7-Pentahydroxyflavone 7-glucoside	see Quercetin 7-glucoside
3,4',5,7,8-Pentahydroxyflavone 7-glucosylrhamnoside	see Rhodiosin
3,3',4',5,7-Pentahydroxyflavone 3-glucuronide	see Quercetin 3-glucuronide
3,3',4',5,7-Pentahydroxyflavone 3-rhamnoside	see Quercitrin
3,3',4',5,7-Pentahydroxyflavone 7-rhamnoside	see Quercetin 7-rhamnoside
3,3',4',5,7-Pentahydroxyflavone 3-rutinoside	see Rutin
3,3',4',5,7-Pentahydroxyflavone 3-rutinoside 7-glucoside	see Quercetin 3-rutinoside 7-glucoside
3,3',4',5,7-Pentahydroxyflavone 3-sophoroside	see Quercetin 3-sophoroside
3,3',4',5,7-Pentahydroxyflavylium chloride	see Cyanidin chloride
4',5,5'',7,7''-Pentahydroxy 4'''-methoxy 3''',8-biflavone	see Bilobetin
3',4',5,7,8-Pentahydroxy 3-methoxyflavone	see Gossypetin 3-methylether
3,3',4',5,7-Pentahydroxy 5'-methoxyflavylium chloride	see Petunidin chloride
3',4',5,6,7-Pentamethoxyflavone	see Sinensetin
4',5,6,7,8-Pentamethoxyflavone	see Tangeretin
4-Pentenylglucosinolate potassium salt	see Glucobrassicanapin potassium salt
Peonidin chloride	110
Peonidin 3,5-diglucoside chloride	110
Peonidin 3-glucoside chloride	110
Peonidol chloride	see Peonidin chloride
Peonin chloride	see Peonidin 3,5-diglucoside chloride
Pericarsaponin Pk	see Hederacoside C
Periplocin	110
Periplocoside	see Periplocin
Persicochalcone	see Flavokawain B
Petrocomoside	see Saponarin
Petunidin chloride	110
Petunidin 3-glucoside chloride	110
Petunidol chloride	see Petunidin chloride
(+)-Peucedanol	111
Peyocactine	see Hordenine
Phellodendrine chloride	111
Phellopterin	111
Phenylacrylic acid	see trans-Cinnamic acid
2-Phenylethylglucosinolate potassium salt	see Gluconasturtiin potassium salt
Phenylmethyl alcohol	see Benzyl alcohol
3-Phenyl 2-propenoic acid	see trans-Cinnamic acid
3-Phenyl 2-propenoic acid benzyl ester	see Benzyl cinnamate
Phillyrin	111
Phillyroside	see Phillyrin
Phloretin	111
Phloretin 2'-glucoside	see Phloridzin
Phloretin 4'-glucoside	see Trilobatin
Phloretol	see Phloretin
Phloridzin	111
p-Phloridzin	see Trilobatin
Phloridzosid	see Phloridzin
Phlorizin	see Phloridzin
p-Phlorizin	see Trilobatin
Phyllalbine	111
Phyllanthin	111
Phyllyrin	see Phillyrin
Physcion	111
Phytolaccagenin	112
Phytolaccasaponin E	see Esculentoside A
Phytolaccoside E	see Esculentoside A
Phytomelin	see Rutin
α-Phytosterol	see β-Sitosterol
trans-Piceatannol	112
trans-Piceid	see trans-Polydatin
Picein	112
Piceol	see 4'-Hydroxyacetophenone
Piceoside	see Picein
Picfeltarraenin IA	112
Picfeltarraenin IB	112
Picroside I	112
Picroside II	112
Picrotoxinin	112
Pilocarpine hydrochloride	112

Reference Substance / Synonym	Page / Reference Substance
2-Pinene	see α-Pinene
2(10)-Pinene	see β-Pinene
α-Pinene	113
β-Pinene	113
Pinocembrin	113
(+)-Pinoresinol	113
Pinoresinol diglucoside	113
(+)-Pinoresinol dimethyl ether	see (+)-Eudesmin
Pinoresinol 4-glucoside	113
Pinostrobin chalcone	see 2',6'-Dihydroxy 4'-methoxychalcone
Pinosylvin	113
Pinosylvin 3-methyl ether	see Pinosylvin monomethyl ether
Pinosylvin monomethyl ether	113
Piperine	113
Piperitone	114
Pipermethystine	114
1-Piperoylpiperidine	see Piperine
Pitayine	see (+)-Quinidine
Plantamajoside	114
Plantamoside	see Plantamajoside
Platycodin D	114
Plumbagin	114
Podophyllotoxin	114
Pogostone	114
Poliumoside	114
trans-Polydatin	114
Polygalasaponin F	115
Polygalaxanthone III	115
Polygalic acid	115
Polygonatoside A	see Trillin
Polyphyllin III	see Dioscin
Polyphyllin V	see Prosapogenin A
Polyphyllin A	see Trillin
Polypodine A	see β-Ecdysone
Polypodine C	see β-Ecdysone
Polysciasaponin P3	see Ginsenoside Ro
Pomolic acid 3-arabinoside	see Ziyuglycoside II
Pomolic acid 3-arabinoside 28-glucoside	see Ziyuglycoside I
Poncerin	see Poncirin
Ponciretin	see Isosakuranetin
Poncirin	115
Ponicidin	115
Ponkanetin	see Tangeretin
Ponticin	see Rhaponticin
Pontigenin	see Rhapontigenin
Populnetin	see Kaempferol
Potassium atractylate	see Atractyloside
Potengriffioside A	see Tiliroside
(+/-)-Praeruptorin A	115
(+/-)-Praeruptorin B	115
(+/-)-Praeruptorin C	115
Prangenin	see (+/-)-Heraclenin
Prangol	see Oxypeucedanin hydrate
Prangolarin hydrate	see Oxypeucedanin hydrate
6-Prenylnaringenin	115
8-Prenylnaringenin	116
Presenegenin 3-glucoside	see Tenuifolin
Primeverin	116
Prim-O-glucosylcimifugin	116
Primin	116
Primulasaponin I	see Primulic acid I
Primulasaponin II	see Primulic acid II
Primulaverin	116
Primulic acid I	116
Primulic acid II	116
Primulidin chloride	see Malvidin chloride
Primulin chloride	see Malvidin 3-galactoside chloride
Pristimerin	116
Proanthocyanidin A1	see Procyanidin A1
Proanthocyanidin A2	see Procyanidin A2
Proanthocyanidin B1	see Procyanidin B1
Proanthocyanidin B2	see Procyanidin B2
Proanthocyanidin B3	see Procyanidin B3
Proanthocyanidin C1	see Procyanidin C1
Procyanidin A1	117
Procyanidin A2	117
Procyanidin B1	117
Procyanidin B2	117
Procyanidin B3	117
Procyanidin C1	117
Progenin III	see Prosapogenin A
Progoitrin potassium salt	117
L-Proline	117
Prontigenin	see Rhapontigenin
2-Propenyl glucosinolate potassium salt	see Sinigrin potassium salt

Reference Substance / Synonym	Page / Reference Substance
2-Propylpiperidine hydrochloride	see Coniine hydrochloride
Prosapogenin A	117
Prosapogenin A2	see Ginsenoside Rh1
Prosapogenin C2	see Ginsenoside Rg2
Prosapogenin CP3b	see α-Hederin
Prosapogenin D'1	see Prosapogenin A
Prosapogenin D'3	see Trillin
Proscillaridin A	117
Protigenin	see Rhapontigenin
Protoaescigenin	see Protoescigenin
Protocatechuic acid	118
Protocetraric acid	118
Protodioscin	118
Protoescigenin	118
Protopanaxadiol	118
Protopanaxadiol 20-O-glucoside	see Ginsenoside C-K
Protopanaxatriol	118
Protopine	118
Protosappanin B	118
Prototimosaponin A III	see Timosaponin B II
Protoveratrine A	118
Prunetol	see Genistein
Prunicyanin chloride	see Cyanidin 3-rutinoside chloride
Prunin dihydrochalcone	see Trilobatin
Pseudocapsaicin	see N-Vanillylnonamide
Pseudocinchonine	see (+)-Dihydrocinchonine
Pseudoginsenoside F11	119
Pseudoginsenoside RT5	119
Pseudohypericin	119
Pseudolaric acid A	119
Pseudolaric acid A-glucopyranoside	119
Pseudolaric acid B	119
Pseudolaric acid B-glucopyranoside	119
Pseudolaric acid C	119
Pseudolarix acid B	see Pseudolaric acid B
Pseudopinene	see β-Pinene
3-Pseudotropanol	see Pseudotropine
Pseudotropine	119
Psoralen	120
Psoralidin	120
Pteropodine	see Uncarine C
Pterosin B	120
trans-Pterostilbene	120
Pteryxin	120
Puddumetin	see Genkwanin
Puerarin	120
Puerarin apioside	see Mirificin
Puerarin 6"-xyloside	120
R-(+)-Pulegone	120
Pulmatin	see Chrysophanol 8-glucoside
Pulsatilla camphor	see Anemonin
Pulsatilla saponin A	see α-Hederin
Pulsatilla saponin F	see Hederacoside C
Punicalagin (A + B mixture)	120
Punicalin (A + B mixture)	121
Purapuridine	see Solasodine
Purpureaside A	see Plantamajoside
Purpurin	121
Pyrethrol acetate	see Taraxasterol acetate
Pyrocatechin	see Catechol
Pyrocatechol	see Catechol
Pyrogallic acid	see Pyrogallol
Pyrogallol	121
(S)-2-Pyrrolidinecarboxylic acid	see L-Proline
Qingdainone	121
Qinghaosu	see Artemisinin
Qing Hau Sau	see Artemisinin
Qing Hau Su	see Artemisinin
Qinghosu	see Artemisinin
Quassin	121
Quercetagetin 3,6,7,3',4'-pentamethyl ether	see Artemetin
Quercetagetin 3,4',6,7-tetramethyl ether	see Casticin
Quercetin	121
Quercetin 3-α-L-arabinofuranoside	see Avicularin
Quercetin 3-O-α-L-arabinopyranoside	see Guaiaverin
Quercetin dihydrate	121
Quercetin 3-galactoside	see Hyperoside
Quercetin 3-β-galactoside 2''-gallate	see 2''-Galloylhyperin
Quercetin 3-gentiobioside	121
Quercetin 3-glucoside	121
Quercetin 4'-glucoside	see Spiraeoside
Quercetin 7-glucoside	122
Quercetin 3-glucuronide	122
Quercetin 3'-methyl ether	see Isorhamnetin
Quercetin 7-methyl ether	see Rhamnetin

Reference Substance / Synonym	Page / Reference Substance
Quercetin 3'-methyl ether 3-rutinoside	see Isorhamnetin 3-rutinoside
Quercetin 3-rhamnoglucoside	see Rutin
Quercetin 3-rhamnoglucoside 7-glucoside	see Quercetin 3-rutinoside 7-glucoside
Quercetin 3-rhamnoside	see Quercitrin
Quercetin 7-rhamnoside	122
Quercetin 3-rutinoside	see Rutin
Quercetin 3-rutinoside 7-glucoside	122
Quercetin 3-sophoroside	122
Quercetin 3,3',4',7-tetramethylether	122
Quercetin 3,3',7-trimethyl ether	see Pachypodol
Quercimelin	see Quercitrin
Quercimeritrin	see Quercetin 7-glucoside
Quercimeritroside	see Quercetin 7-glucoside
Quercimetrin	see Quercetin 7-glucoside
Quercitrin	122
Quercitroside	see Quercitrin
Querciturone	see Quercetin 3-glucuronide
Quinic acid 3-gallate	see Theogallin
(+)-Quinidine	122
α-Quinidine	see (-)-Cinchonidine
(-)-Quinine	122
Raddeanin A	123
Raddeanine	see Peiminine
Raddeanin R3	see Raddeanin A
Raddeanoside R3	see Raddeanin A
Raubasine	see Ajmalicine
Rebaudioside A	123
Rebaudioside B	123
Rebaudioside C	123
Rebaudioside D	123
Rebaudioside E	123
Rebaudioside M	123
Rebaudioside N	123
Rebaudioside X	see Rebaudioside M
Recibufogenin	see Resibufogenin
Regelide	see Wilforlide A
Regianin	see Juglone
Rehmannioside A	123
Renardine	see Senkirkin
Resacetophenone 4-O-methyl ether	see Paeonol
Rescinnamine	124
Reserpic acid methyl ester 3,4,5-trihydroxycinnamate	see Rescinnamine
Reserpine	124
Reserpinine	see Rescinnamine
Resibufogenin	124
Resorcinol	124
trans-Resveratrol	124
trans-Resveratrol 3-β-D-glucoside	see trans-Polydatin
Retrochalcone	see Echinatin
Retronecine	124
Retronecine 9-(-)-viridiflorate	see Lycopsamine
Retrorsine	124
Retrorsine N-oxide	124
Retusin	see Quercetin 3,3',4',7-tetramethylether
Rhabarberone	see Aloe emodin
Rhamnetin	124
Rhamnocitrin	125
β-Rhamnocitrin	see Rhamnetin
Rhamnolutein	see Kaempferol
3-O-Rhamnosylquercetin	see Quercitrin
7-Rhamnosylquercetin	see Quercetin 7-rhamnoside
2''-O-Rhamnosylvitexin	see Vitexin 2''-rhamnoside
Rhamnoxanthin	see Frangulin A
Rhaponticin	125
Rhaponticoside	see Rhaponticin
Rhapontigenin	125
Rhapontin	see Rhaponticin
Rhapontin aglycone	see Rhapontigenin
Rhapontin genin	see Rhapontigenin
Rheic acid	see Rhein
Rhein	125
Rhein 8-glucoside	125
Rheochrysidin	see Physcion
Rhetine	see Rutaecarpine
Rheum emodin	see Emodin
Rhimantin	see Aucubine
Rhodioloside	see Salidroside
Rhodiosin	125
Rhodojaponin II	125
Rhodojaponin III 6-acetate	see Rhodojaponin II
Rhodosin	see Salidroside
Rhodotoxin	see Grayanotoxin I
Rhoifolin	125
Rhoifoloside	see Rhoifolin

Reference Substance / Synonym	Page / Reference Substance
Rhubarb yellow	see Rhein
Rhynchophylline	125
Robigenin	see Kaempferol
Robinetin	126
Robinin	126
Roburic acid	126
Romanicardic acid	see Ginkgolic acid C15:1
Rosarin	126
Rosavidin	see Rosavin
Rosavin	126
Rosemary acid	see Rosmarinic acid
Rosin	126
Rosin X	see Rosin
Rosmanol	126
Rosmarinic acid	126
Rotundic acid	126
Royal jelly acid	see 10-Hydroxy 2-decenoic acid
Ruberythric acid	127
Rubescensin B	see Ponicidin
Rubiadin	127
Rubianic acid	see Ruberythric acid
Rubierythric acid	see Ruberythric acid
Rubimaillin	see Mollugin
Rubradinine	see Mitraphylline
Rubusoside	127
Ruixiangsu	see Daphnetin
Ruscogenin	127
Ruscogenin/Neoruscogenin mixture	127
Rutaecarpine	127
Rutecarpine	see Rutaecarpine
Rutin	127
3-O-Rutinosylcyanidin chloride	see Cyanidin 3-rutinoside chloride
3-O-Rutinosyldelphinidin chloride	see Delphinidin 3-rutinoside chloride
3-Rutinosylisorhamnetin	see Isorhamnetin 3-rutinoside
3-Rutinosylquercetin	see Rutin
Rutoside	see Rutin
Sabinene	127
Sabinyl acetate	127
Safflomin A	see Hydroxysafflor yellow A
Saikosaponin A	128
Saikosaponin B1	128
Saikosaponin B2	128
Saikosaponin C	128
Saikosaponin D	128
Sakakin	see Orcinol β-D-glucoside
Sakuranetin	128
Sakuranetin 4'-methyl ether	see Naringenin 4',7-dimethylether
Salicin	128
Salicinerein	see Picein
Salicoside	see Salicin
Salicyl alcohol glucoside	see Salicin
Salicylic acid	128
Salicylic acid 2-hydroxyethyl ester	see 2-Hydroxyethyl salicylate
Salicylic acid methyl ester	see Methyl salicylate
p-Salicylic acid	see p-Hydroxybenzoic acid
Salidroside	128
Saligenin β-D-glucoside	see Salicin
Salikosaponin A	see Saikosaponin A
Salinigrin	see Picein
Salvianolic acid A	129
Salvianolic acid B	129
Salvianolic acid C	129
Salvianolic acid D	129
Salvitin	see Hispidulin
Salvitin 7-glucoside	see Hispidulin 7-glucoside
Sambicyanin chloride	see Cyanidin 3-sambubioside chloride
Sambucin chloride	see Cyanidin 3-rutinoside chloride
Sanchinoside B2	see Ginsenoside Rh1
Sanchinoside C1	see Ginsenoside Rg1
Sanchinoside E1	see Ginsenoside Rb1
Sanchinoside R1	see Notoginsenoside R1
Sanchinoside Rb1	see Ginsenoside Rb1
Sanchinoside Re	see Ginsenoside Re
Sanchinoside Rg1	see Ginsenoside Rg1
Sanchinoside Rh1	see Ginsenoside Rh1
Sanguinarine chloride	129
Sanjoinine E	see Nuciferine
Sanqi glucoside R1	see Notoginsenoside R1
Santin	129
α-Santonin	129
Sapindoside A	see α-Hederin
Saponaretin	see Isovitexin
Saponarin	129
Saponin K12	see Hederacoside C
Saponin Pb	see Formosanin C

Reference Substance / Synonym	Page / Reference Substance
Saponin P-d	see Formosanin C
Saponin PK	see Hederacoside C
Saponin PS 4	see Primulic acid I
Saponin Tg	see Paris VII
Sarothrin	see 4',5,7-Trihydroxy 3,6,8-trimethoxyflavone
Sarsasapogenin	129
Saucernetin A	see Manassantin A
Saucernetin B	see Manassantin B
Sauchinone	130
Saussurol	see Taraxasterol
Saussurol acetate	see Taraxasterol acetate
Schaftoside	130
Schisandrin	see Schisandrol A
γ-Schisandrin	see Schizandrin B
Schisandrin A	see Schizandrin A
Schisandrin B	see Schizandrin B
Schisandrin C	see Schizandrin C
Schisandrol A	130
Schisandrol B	130
Schisanhenol	130
Schisantherin A	130
Schisantherin B	130
Schisantherinol B	see Schisandrol B
Schizandrin	see Schisandrol A
γ-Schizandrin	see Schizandrin B
Schizandrin A	130
Schizandrin B	130
Schizandrin C	131
Schizandrol A	see Schisandrol A
Schizandrol B	see Schisandrol B
Schizanhenol	see Schisanhenol
Schizantherin A	see Schisantherin A
Sciadopitysin	131
Scillarenin 3β-rhamnoside	see Proscillaridin A
Scoparone	131
Scopolamine hydrobromide	131
Scopolamine N-oxide hydrobromide	131
Scopoletin	131
Scopoletin 7-glucoside	see Scopolin
Scopoletin methyl ether	see Scoparone
Scopolin	131
Scopoloside	see Scopolin
Scutellarein	131
Scutellarein 4',6-dimethyl ether	see Pectolinarigenin
Scutellarein 7-glucuronide	see Scutellarin
Scutellarein 6-methyl ether	see Hispidulin
Scutellarein 6-methyl ether 7-glucoside	see Hispidulin 7-glucoside
Scutellarin	131
Scutellarin A	see Apigenin 7-glucuronide
Scutellarin B	see Scutellarin
SDG	see Secoisolariciresinol diglucoside
(-)-Secoisolariciresinol	132
Secoisolariciresinol diglucoside	132
Secologanoside 11-methyl ester	see Secoxyloganin
Secoxyloganin	132
Sedoflorigenin	see Limocitrin
Selagine	see Huperzine A
Semenen	see α-Santonin
Sempervirine nitrate	132
Senbusine C	see Fuziline
Senecionine	132
Senecionine N-oxide	132
Seneciphylline	132
Seneciphylline N-oxide	132
Senecivernine	132
Senecivernine N-oxide	133
Senegenic acid	see Polygalic acid
Senegenin	133
Senkirkin	133
Sennoside A	133
Sennoside A1	133
Sennoside B	133
Sennoside C	133
Sennoside G	see Sennoside A1
Serpentine hydrogen tartrate	133
Sesamin	133
Sesamol	134
Sesamolin	134
Sesamoside	134
Shamimin	see Mangiferin
Shanzhiside	134
Shanzhiside methyl ester	134
Shatavarin IV	134
Shekanin	see Tectoridin
Shengmating	see Actein

Reference Substance / Synonym	Page / Reference Substance
Shikonin	134
Shikonin S	see Shikonin
6-Shogaol	134
8-Shogaol	134
10-Shogaol	135
Siamenoside I	135
Sibiricose A5	135
Sibiricose A6	135
Silphioside G	see Chikusetsusaponin IVa
Silybin (A + B mixture)	135
Silybin A	135
Silybin a1	see Silybin B
Silybin a2	see Isosilybin B
Silybin B	135
Silybin b1	see Silybin A
Silybin b2	see Isosilybin A
Silybum substance E6	see Silybin A
Silychristin	135
Silydianin	135
Silymarin I	see Silybin A
Silymarin II	see Silychristin
Simalikahemiacetal A	see Neoquassin
Sinalbin potassium salt	136
Sinapic acid choline ester chloride	see Sinapine chloride
trans-Sinapic acid	136
Sinapine chloride	136
trans-Sinapinic acid	see trans-Sinapic acid
3-O-Sinapoylsucrose	see Sibiricose A6
Sinapyl alcohol 4-O-glucoside	see Eleutheroside B
Sinensetin	136
Sinigrin potassium salt	136
Sinomenine A	see Tetrandrine
Sinomenine hydrochloride	136
Sipeimine	136
β-Sitosterin	see β-Sitosterol
β-Sitosterol	136
β-Sitosterol D-glucoside	136
Skimmetin	see Umbelliferone
Skimmianine	137
Skimmiol	see 3β-Taraxerol
Skullcapflavone I	see Panicolin
Smyrinol	see Decursinol
Sodium Danshensu	see 3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt
α-Solamargine	137
β2-Solamargine	see Khasianine
Solancarpidine	see Solasodine
δ-Solanigrine	see α-Solamargine
α-Solanine	137
Solasod 5-ene 3β-ol	see Solasodine
Solasodine	137
α-Solasonine	137
Sophocarpidine	see Oxysophocarpine
Sophocarpine	137
Sophocarpine N-oxide	see Oxysophocarpine
Sophojaponicin B1	see Trifolirhizin
Sophoraflavanone B	see 8-Prenylnaringenin
Sophoraflavanone G	137
(-)-Sophoranone	137
Sophoretin	see Quercetin
Sophoricol	see Genistein
Sophoricoside	137
Sophoridine	138
Sophorin	see Rutin
Sophorine	see Cytisine
Sophoroside chloride	see Cyanidin 3-sophoroside chloride
Sorbic acid	138
Soyasapogenin A	see Soyasapogenol A
Soyasapogenin B	see Soyasapogenol B
Soyasapogenol I	see Soyasapogenol B
Soyasapogenol A	138
Soyasapogenol B	138
Soyasaponin I	see Soyasaponin Bb
Soyasaponin V	see Soyasaponin Ba
Soyasaponin Aa	138
Soyasaponin B-I	see Soyasaponin Bb
Soyasaponin Ba	138
Soyasaponin Bb	138
Soyasaponin M2	see Soyasaponin Ba
Spinosin	138
Spinosin B	see 6'''-Feruloylspinosin
Spiraein	see Spiraeoside
Spiraeoside	138
Stachydrine chloride	139
Steviol	139

Reference Substance / Synonym	Page / Reference Substance
Steviolbioside	139
Steviol 19-glucoside	139
Stevioside	139
Stevioside a3	see Rebaudioside A
Stevioside a4	see Rebaudioside B
Steviosin	see Stevioside
Stigmasta 5,22-diene 3β-ol	see Stigmasterol
Stigmasta 5,24(28)-diene 3β-ol	see Fucosterol
Stigmast 5-ene 3β-ol	see β-Sitosterol
Stigmasterin	see Stigmasterol
Stigmasterol	139
(E)-3,5-Stilbenediol	see Pinosylvin
trans-2',3,4',5-Stilbenetetrol	see trans-Oxyresveratrol
3,3',4,5'-Stilbenetetrol	see trans-Piceatannol
3,4',5-Stilbenetriol	see trans-Resveratrol
Strophanthidine	139
k-Strophanthidine	see Strophanthidine
Strophanthidin α-L-rhamnoside	see Convallatoxin
g-Strophanthin	139
k-Strophanthin-α	see Cymarin
k-Strophanthoside	139
Strophantidin 3β-digitoxoside	see Helveticoside
Strophantin K	see Cymarin
Strychnin	140
Stylophorine	see Chelidonine
Subglycyrrhelinic acid	see 18β-Glycyrrhetinic acid
Sun Red 1	see Carminic acid
Sutherlandioside B	140
Sutherlandioside D	140
Swartziol	see Kaempferol
Sweroside	140
Swertiamarine	140
Swertiamaroside	see Swertiamarine
Swertisin	140
Sylvapine A	see α-Pinene
Sympaethamine	see Synephrine
Sympathol	see Synephrine
Synephrine	140
(-)-Syringaresinol 4-(2''-apiosylglucoside)	140
(-)-Syringaresinol 4,4'-di-O-β-D-glucoside	140
(-)-Syringaresinol 4-O-β-D-glucoside	141
Syringic acid	141
Syringidin chloride	see Malvidin chloride
Syringin	see Eleutheroside B
Syringoside	see Eleutheroside B
Syringylglycerol 8-O-4'-sinapyl ether 7-glucoside	141
Tabersonine hydrochloride	141
Taeniolin	see Arecoline hydrobromide
Tangeretin	141
Tanrutin	see Rutin
Tanshinone I	141
Tanshinone II	see Tanshinone IIA
Tanshinone IIA	141
Tanshinone A	see Tanshinone I
Tanshinone B	see Tanshinone IIA
Tanshinone C	see Cryptotanshinone
Taraxasterol	141
Taraxasterol acetate	141
3β-Taraxerol	142
Tauroside E	see α-Hederin
Tauroside G3	see Dipsacoside B
Tauroside H2	see Hederacoside C
Tauroside St-G0-1	see Asperosaponin VI
Tauroside St-G3	see Dipsacoside B
(+)-Taxifolin	142
Taxifolin 3-rhamnoside	see Astilbin
Taxol	142
Taxol A	see Taxol
Tectochrysin	142
Tectoridin	142
Tectorigenin	142
Tectorigenin 7-glucoside	see Tectoridin
Tectrigenin	see Tectorigenin
Telepathine	see Harmine
Tenuifolin	142
Terebenthene	see β-Pinene
Terminoloside	142
α-Terpineol	142
3,4,5,6-Tetradehydroajmalicine hydrogen tartrate	see Serpentine hydrogen tartrate
Tetrahydroberberine	see Canadine
Tetrahydrocurcumin	143
Tetrahydrodiferuloylmethane	see Tetrahydrocurcumin
Tetrahydropalmatine	143
Tetrahydroserpentine	see Ajmalicine
Tetrahydroumbellatine	see Canadine

Reference Substance / Synonym	Page / Reference Substance
trans-2',4,4',6'-Tetrahydroxychalcone	see Naringenin chalcone
3,4',5,7-Tetrahydroxy 3',8-dimethoxyflavone	see Limocitrin
3,4',5,7-Tetrahydroxy 3',5'-dimethoxyflavylium chloride	see Malvidin chloride
3,4',5,7-Tetrahydroxyflavanone	see Dihydrokaempferol
3',4',5,7-Tetrahydroxyflavanone	see Eriodictyol
3',4',5,7-Tetrahydroxyflavanone 7-neohesperidoside	see Neoeriocitrin
3',4',5,7-Tetrahydroxyflavanone 7-rutinoside	see Eriocitrin
3,3',4',7-Tetrahydroxyflavone	see Fisetin
3,4',5,7-Tetrahydroxyflavone	see Kaempferol
3',4',5,7-Tetrahydroxyflavone	see Luteolin
4',5,6,7-Tetrahydroxyflavone	see Scutellarein
3,4',5,7-Tetrahydroxyflavone 3-(6''-trans-p-coumaroyl)glucoside	see Tiliroside
3',4',5,7-Tetrahydroxyflavone 3',7-diglucuronide	see Luteolin 3',7-di-O-glucuronide
3',4',5,7-Tetrahydroxyflavone 7-diglucuronide	see Luteolin 7-diglucuronide
3,4',5,7-Tetrahydroxyflavone 3,7-dirhamnoside	see Kaempferitrin
3,4',5,7-Tetrahydroxyflavone 3-gentiobioside	see Kaempferol 3-gentiobioside
3,4',5,7-Tetrahydroxyflavone 3-glucoside	see Kaempferol 3-glucoside
3',4',5,7-Tetrahydroxyflavone 6-C-glucoside	see Homoorientin
3',4',5,7-Tetrahydroxyflavone 7-glucoside	see Luteolin 7-glucoside
3',4',5,7-Tetrahydroxyflavone 8-C-glucoside	see Orientin
3',4',5,7-Tetrahydroxyflavone 3'-glucuronide	see Luteolin 3'-glucuronide
3',4',5,7-Tetrahydroxyflavone 7-glucuronide	see Luteolin 7-glucuronide
4',5,6,7-Tetrahydroxyflavone 7-glucuronide	see Scutellarin
3',4',5,7-Tetrahydroxyflavone 7-neohesperidoside	see Lonicerin
3,4',5,7-Tetrahydroxyflavone 3-rhamnoside	see Kaempferol 3-rhamnoside
3,4',5,7-Tetrahydroxyflavone 3-rhamnoside 7-(2''-glucosylrhamnoside)	see Grosvenorine
3,4',5,7-Tetrahydroxyflavone 3-rutinoside	see Kaempferol 3-rutinoside
2',4',5,7-Tetrahydroxyflavonol	see Morin
3,4',5,7-Tetrahydroxyflavylium chloride	see Pelargonidin chloride
3,3',4',5-Tetrahydroxy 7-methoxyflavone	see Rhamnetin
3,4',5,7-Tetrahydroxy 3'-methoxyflavone	see Isorhamnetin
3',4',5,7-Tetrahydroxy 6-methoxyflavone	see Nepetin
3',4',5,7-Tetrahydroxy 6-methoxyflavone 7-β-D-glucoside	see Nepetin 7-glucoside
3,4',5,7-Tetrahydroxy 3'-methoxyflavone 3-neohesperidoside	see Isorhamnetin 3-neohesperidoside
3,4',5,7-Tetrahydroxy 3'-methoxyflavone 3-(2''-rhamnosylrutinoside)	see Typhaneoside
3,4',5,7-Tetrahydroxy 3'-methoxyflavone 3-rutinoside	see Isorhamnetin 3-rutinoside
3,4',5,7-Tetrahydroxy 3'-methoxyflavylium chloride	see Peonidin chloride
trans-2,3',4,5'-Tetrahydroxystilbene	see trans-Oxyresveratrol
trans-3,3',4,5'-Tetrahydroxystilbene	see trans-Piceatannol
2,3,4',5-Tetrahydroxystilbene 2-glucoside	143
3,3',4,5'-Tetrahydroxystilbene 3'-glucoside	see Astringin
3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone	143
1,3,6,7-Tetrahydroxyxanthone 2-C-glucoside	see Mangiferin
1,3,6,7-Tetrahydroxyxanthone 4-C-glucoside	see Isomangiferin
2,3,9,10-Tetramethoxyberbine	see Tetrahydropalmatine
Tetramethylpyrazine	see Ligustrazine
3,4',6,7-Tetra-O-methylquercetagetin	see Casticin
3,3',4',7-Tetramethylquercetin	see Quercetin 3,3',4',7-tetramethylether
Tetrandrine	143
Tetrapyrazine	see Ligustrazine
Teucrin A	143
Teupolioside	143
Thalictrimine	see α-Allocryptopine
Thalictrine chloride	see Magnoflorine chloride
Theaflavin	143
Theaflavin 1	see Theaflavin
Theaflavin 2	see Theaflavin 3-gallate
Theaflavin 2A	see Theaflavin 3-gallate
Theaflavin 2B	see Theaflavin 3'-gallate
Theaflavin 3	see Theaflavin 3,3'-digallate
Theaflavin 3,3'-digallate	143
Theaflavin 3-gallate	144
Theaflavin 3'-gallate	144
Theaflavin monogallate A	see Theaflavin 3-gallate
Theaflavin monogallate B	see Theaflavin 3'-gallate
L-Theanine	144
Theine	see Caffeine
Theobromine	144
Theogallin	144
Theophylline	144
3-Thujanone	see (-)-α-Thujone
4(10)-Thujene	see Sabinene
(-)-α-Thujone	144
α,β-Thujone	144
Thymelol	see Daphnoretin
Thymol	144
Tigogenin	145
Tiliadin	see 3β-Taraxerol

Reference Substance / Synonym	Page / Reference Substance
Tiliroside	145
Timosaponin A III	145
Timosaponin B II	145
Tinnevellin glucoside	145
Toddaline chloride	see Chelerythrine chloride
Toddalolactone	145
Tokyo Violet	see Shikonin
Tomatidine hydrochloride	145
Tomatine	145
Tracheloside	145
Tribulosin	146
Trichodesmine	146
Tricin	146
Tricoccin S3	see Obacunone
Tricrocin	see Crocin 2
6-Tridecylsalicylic acid	see Ginkgolic acid C13:0
Tridemethylsciadopitysin	see Amentoflavone
Trifolirhizin	146
Trifolirhizin aglycone	see (-)-Maackiain
Trifolitin	see Kaempferol
1,3,6-Trigalloyl β-D-glucose	146
Trigonelline chloride	146
1,2,4-Trihydroxy 9,10-anthraquinone	see Purpurin
1,2,3-Trihydroxybenzene	see Pyrogallol
3,4,5-Trihydroxybenzoic acid	see Gallic acid
3,4,5-Trihydroxybenzoic acid ethyl ester	see Ethyl gallate
3,4,5-Trihydroxybenzoic acid methyl ester	see Methyl gallate
2',4,4'-Trihydroxychalcone	see Isoliquiritigenin
2',4,4'-Trihydroxychalcone 4-glucoside	see Isoliquiritin
3,4',5-Trihydroxy 6,7-dimethoxyflavone	see Eupalitin
4',5,7-Trihydroxy 3',5'-dimethoxyflavone	see Tricin
4',5,7-Trihydroxy 3',6-dimethoxyflavone	see Jaceosidin
3,4',5-Trihydroxy 6,7-dimethoxyflavone 3-galactoside	see Eupalitin 3-galactoside
4',5,7-Trihydroxy 6,8-dimethylflavanone	see Farrerol
4',5,7-Trihydroxyflavanone	see Naringenin
4',5,7-Trihydroxyflavanone 7-neohesperidoside	see Naringin
4',5,7-Trihydroxyflavanone 7-rhamnoglucoside	see Naringin
4',5,7-Trihydroxyflavanone 7-rutinoside	see Narirutin
3,5,7-Trihydroxyflavone	see Galangin
4',5,7-Trihydroxyflavone	see Apigenin
5,6,7-Trihydroxyflavone	see Baicalein
4',5,7-Trihydroxyflavone 7-apiosyglucoside	see Apiin
4',5,7-Trihydroxyflavone 6,8-di-C-glucoside	see Vicenin II
5,6,7-Trihydroxyflavone 7-diglucoside	see Baicalein 7-diglucoside
4',5,7-Trihydroxyflavone 6-C-glucoside	see Isovitexin
4',5,7-Trihydroxyflavone 7-glucoside	see Apigenin 7-glucoside
4',5,7-Trihydroxyflavone 8-C-glucoside	see Vitexin
5,6,7-Trihydroxyflavone 7-glucoside	see Baicalein 7-glucoside
4',5,7-Trihydroxyflavone 6-C-glucoside 7-O-glucoside	see Saponarin
4',5,7-Trihydroxyflavone 7-O-glucoside 8-C-glucoside	see Vitexin 7-glucoside
4',5,7-Trihydroxyflavone 6-C-glucoside 8-C-xyloside	see Vicenin III
4',5,7-Trihydroxyflavone 8-C-(2''-glucosylglucoside)	see Vitexin 2''-glucoside
4',5,7-Trihydroxyflavone 7-glucuronide	see Apigenin 7-glucuronide
5,6,7-Trihydroxyflavone 7-glucuronide	see Baicalin
4',5,7-Trihydroxyflavone 8-C-(2''-rhamnosylglucoside)	see Vitexin 2''-rhamnoside
4',5,7-Trihydroxyflavonol	see Kaempferol
4',5,7-Trihydroxyisoflavone	see Genistein
3',4',7-Trihydroxyisoflavone 8-C-glucoside	see 3'-Hydroxypuerarin
4',5,7-Trihydroxyisoflavone 4'-O-glucoside	see Sophoricoside
4',5,7-Trihydroxyisoflavone 7-glucoside	see Genistin
3',5,7-Trihydroxy 4'-methoxyflavanone	see Hesperetin
3',5,7-Trihydroxy 4'-methoxyflavanone 7-neohesperidoside	see Neohesperidin
3',5,7-Trihydroxy 4'-methoxyflavanone 7-rhamnoglucoside	see Neohesperidin
3',5,7-Trihydroxy 4'-methoxyflavanone 7-rutinoside	see Hesperidin
3',4',5-Trihydroxy 7-methoxyflavone	see Luteolin 7-methyl ether
3,4',5-Trihydroxy 7-methoxyflavone	see Rhamnocitrin
3,5,7-Trihydroxy 4'-methoxyflavone	see Kaempferide
3',5,7-Trihydroxy 4'-methoxyflavone	see Diosmetin
4',5,7-Trihydroxy 6-methoxyflavone	see Hispidulin
4',5,7-Trihydroxy 6-methoxyflavone 7-glucoside	see Hispidulin 7-glucoside
3',5,7-Trihydroxy 4'-methoxyflavone 7-neohesperidoside	see Neodiosmin
3',5,7-Trihydroxy 4'-methoxyflavone 7-O-rutinoside	see Diosmin
4',5,7-Trihydroxy 6-methoxyisoflavone	see Tectorigenin
4',5,7-Trihydroxy 6-methoxyisoflavone 7-glucoside	see Tectoridin
3,4',5-Trihydroxy 3'-methoxystilbene	see Isorhapontigenin
trans-3,3',5-Trihydroxy 4'-methoxystilbene 3-β-D-glucoside	see Rhaponticin

Reference Substance / Synonym	Page / Reference Substance
1,3,6-Trihydroxy 7-methoxyxanthone 2-C-glucoside	see 7-O-Methylmangiferin
1,3,8-Trihydroxy 6-methyl 9,10-anthraquinone	see Emodin
1,3,8-Trihydroxy 6-methyl 9,10-anthraquinone 8-glucoside	see Emodin 8-glucoside
2α,3β,19α-Trihydroxyolean 12-ene 28-oic acid	see Arjunic acid
2α,19α,23-Trihydroxyoleanolic acid	see Arjungenin
trans-3,4',5-Trihydroxystilbene	see trans-Resveratrol
trans-3,4',5-Trihydroxystilbene 3-β-D-glucoside	see trans-Polydatin
4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone	146
3',5,7-Trihydroxy 4',5',6-trimethoxyflavone	146
4',5,7-Trihydroxy 3,3',8-trimethoxyflavone	see Gossypetin 3,3',8-trimethylether
4',5,7-Trihydroxy 3,6,8-trimethoxyflavone	146
3',5,7-Trihydroxy 4',5',6-trimethoxyisoflavone	see Irigenin
3',5,7-Trihydroxy 4',5',6-trimethoxyisoflavone 7-glucoside	see Iridin
Trillin	147
Trilobatin	147
2,4,5-Trimethoxybenzaldehyde	see Asarylaldehyde
3',4',5'-Trimethoxyflavone	147
4',4''',7-Trimethylamentoflavone	see Sciadopitysin
Trimethylpsoralen	see Trioxsalen
3,3',7-Trimethylquercetin	see Pachypodol
1,3,7-Trimethylxanthine	see Caffeine
Trioxsalen	147
Tripterin	see Celastrol
Triptolide	147
Triptonide	147
Triptophenolide	147
Tris-O-(2-hydroxyethyl)rutin	147
Trisoralen	see Trioxsalen
Trochol	see Betulin
Tropanol	see Tropine
3β-Tropanol	see Pseudotropine
Tropine	147
ψ-Tropine	see Pseudotropine
Tropine mandelate hydrobromide	see Homatropine hydrobromide
Tropinone	148
Troxerutin	see Tris-O-(2-hydroxyethyl)rutin
Tryptanthrine	148
Tubeimoside I	148
Tubeimoside II	148
Tubeimoside III	148
Tubeimoside A	see Tubeimoside I
Tubeimoside B	see Tubeimoside II
Tubeimoside C	see Tubeimoside III
Tuberostemonine	148
Tubuloside A	148
Tulipanin chloride	see Delphinidin 3-rutinoside chloride
ar-Turmerone	148
Tussilagone	148
Typhaneoside	149
Tyrosol	149
Tyrosol α-(β-D-glucopyranoside)	see Salidroside
TZ 93	see Demethylzeylasteral
Ulexine	see Cytisine
Umbelliferone	149
Umbelliferone methyl ether	see 7-Methoxycoumarin
Umbroside	see 8-Acetylshanzhiside methyl ester
Umckalin	149
Uncarine C	149
Uncarine E	149
Uralenic acid	see 18β-Glycyrrhetinic acid
5-Ureidohydantoin	see Allantoin
Ursolic acid	149
Urushiol (15:1)	149
Urushiol (15:2)	149
Urushiol (15:3)	150
Usnarin	see Atranorin
Usnarin acid	see Atranorin
(+)-Usnic acid	150
Uzarigenin 3-sophoroside	see Uzarin
Uzarin	150
Vaccarin	150
Vakerin	see Bergenin
Valepotriate	see Valtrate
Valerenic acid	150
Valerenolic acid	see Hydroxyvalerenic acid
Valtrate	150
Valtratum	see Valtrate
Vanillic acid	150
Vanillic acid 4-β-D-glucoside	150
Vanillic aldehyde	see Vanillin
Vanillin	150
Vanilloyltropine	see Phyllalbine
6-Vanillylcatalpol	see Picroside II

Reference Substance / Synonym	Page / Reference Substance
N-Vanillylnonamide	151
N-Vanillylpelargonamide	see N-Vanillylnonamide
Vasicine hydrochloride	151
Vasicinone	151
Veracevine veratrate	see Veratridine
Verantin	see Purpurin
Veratramine	151
Veratridine	151
3-Veratroylveracevine	see Veratridine
Verbascoside	151
Verbenalin	151
Verbenaloside	see Verbenalin
Veronicastroside	see Lonicerin
Verticine	see Peimine
Verticinone	see Peiminine
Vescalagin	151
33β-Vescalagin	see Castalagin
Vexibinol	see Sophoraflavanone G
Vicenin II	151
Vicenin III	152
Vicine	152
Vicioside	see Vicine
Vincaine	see Ajmalicine
Viminalol	see α-Amyrin
Vinceine	see Ajmalicine
Vincetoxicoside B	see Quercetin 7-rhamnoside
ε-Viniferin	152
Violantin	see Vicenin II
Violaquercitrin	see Rutin
Virgaureagenin B	see Oleanolic acid
β-Viscol	see Lupeol
Vitexicarpin	see Casticin
Vitexin	152
Vitexin 2''-glucoside	152
Vitexin 7-glucoside	152
Vitexin 2''-rhamnoside	152
Viticosterone	see β-Ecdysone
Wedelolactone	152
Wilforgine	152
Wilforine	153
Wilforlide A	153
Withaferin A	153
Withaferine	see Withaferin A
Withaniol	see Withanolide A
Withanolide A	153
Withanolide B	153
Withanone	153
Withanoside IV	153
Withanoside V	153
Wogonin	153
Wogonin 7-glucuronide	see Wogonoside
Wogonin 7-methyl ether	see 7-O-Methylwogonin
Wogonoside	154
Wuweizi alcohol A	see Schisandrol A
Wuweizi alcohol B	see Schisandrol B
Wuweizichun A	see Schisandrol A
Wuweizichun B	see Schisandrol B
Wuweizi ester A	see Schisantherin A
Wuweizi ester B	see Schisantherin B
Wuweizisu A	see Schizandrin A
Wuweizisu B	see Schizandrin B
Wuweizisu C	see Schizandrin C
Xanthaurine	see Quercetin
Xanthohumol	154
Xanthopuccine	see Canadine
Xanthotoxin	154
Xanthotoxol	154
Xanthoxylin S	see (-)-Asarinin
Xilingsaponin A	see Timosaponin A III
Yageine	see Harmine
Yamogenin	154
Yangonin	154
Yatein	154
Yatrorhizine chloride	see Jatrorrhizine chloride
Yewtaxan	see Taxol
Yohimbine hydrochloride	154
Zerumbone	154
Zhi-mu saponin	see Timosaponin A III
Zigu-glucoside I	see Ziyuglycoside I
Zigu-glucoside II	see Ziyuglycoside II
Ziyuglycoside I	155
Ziyuglycoside II	155

Index II: Plant-specific Marker Compounds

	Botanical Name	Marker Compounds
A	Abelmoschus sp.	Cyanidin 3-glucoside chloride Cyanidin 3-sambubioside chloride Hibifolin
	Abies sp.	β-Amyrin Betulin (-)-α-Bisabolol Borneol (-)-Bornyl acetate trans-Caffeic acid Campesterol D,L-Camphene (+)-Δ-3-Carene (+)-Catechin Chlorogenic acid Coumarin trans-Ferulic acid α-Humulene Lupeol α-Pinene β-Pinene trans-Polydatin trans-Resveratrol (+)-Taxifolin α-Terpineol Thymol
	Acacia sp.	Apigenin 7-glucoside (+)-Catechin (+)-Catechin 5-gallate 3,3'-Di-O-methylellagic acid 4'-xylopyranoside Echinocystic acid (-)-Epicatechin (-)-Epicatechin 3-gallate (-)-Epigallocatechin 3-gallate Fisetin Gallic acid (-)-Gallocatechin Hordenine p-Hydroxybenzoic acid Hyperoside Isovitexin Luteolin 7-glucoside Naringenin Oleanolic acid Quercetin Quercetin 3-glucoside Quercetin 3-sophoroside Quercitrin Robinetin Rutin Salicylic acid Spiraeoside α-Terpineol Vicenin II Vitexin
	Acanthopanax sp.	Chikusetsusaponin IVa Hinokinin Kaurenoic acid Pachypodol (-)-Syringaresinol 4,4'-di-O-β-D-glucoside
	Acer sp.	Allantoin trans-Caffeic acid Chlorogenic acid Fumaric acid Kaempferol Quercitrin
	Achillea sp.	Apigenin Apigenin 7-glucoside Artemetin (-)-Bornyl acetate Casticin Chamazulene 1,5-Dicaffeoylquinic acid Eucalyptol Hispidulin Isoschaftoside Luteolin

	Botanical Name	Marker Compounds
A		Luteolin 7-glucoside Luteolin 7-glucuronide Nepetin Penduletin Rutin Santin Schaftoside Scopoletin Stachydrine chloride Swertisin (-)-α-Thujone Vicenin II Vicenin III
	Achyranthes sp.	Chikusetsusaponin IVa β-Ecdysone Ginsenoside Ro Maslinic acid Oleanolic acid
	Achyrocline sp.	Apigenin trans-Caffeic acid Chlorogenic acid 3,4-Dicaffeoylquinic acid 3,5-Dicaffeoylquinic acid 4,5-Dicaffeoylquinic acid Eucalyptol Galangin Isorhamnetin Luteolin Protocatechuic acid Quercetin
	Acokanthera sp.	g-Strophanthin
	Aconitum sp.	Aconitine Bulleyaconitine A Denudatine Fuziline Higenamine hydrochloride Hypaconitine Magnoflorine chloride Mesaconitine
	Acorus sp.	α-Asarone β-Asarone Asarylaldehyde D,L-Camphene N-trans-Feruloyltyramine
	Acronychia sp.	β-Amyrin
	Actaea sp.	Cimigenol 3-α-L-arabinoside Cimigenol 3-β-D-xyloside Magnoflorine chloride
	Adiantum sp.	Caftaric acid trans-Coutaric acid Kaempferol 3-glucoside Naringin Quercetin 3-glucoside Quercetin 3-glucuronide Rutin
	Adlumia sp.	α-Allocryptopine (+)-Bicuculline Fumaric acid Protopine
	Adonis sp.	Convallatoxin Cymarin Homoorientin Orientin Strophanthidine k-Strophanthoside Vitexin
	Aegle sp.	Aegeline Dictamnine Imperatorin Skimmianine
	Aegopodium sp.	Hyperoside Quercetin 3-glucoside
	Aerva sp.	α-Amyrin β-Amyrin Chrysin β-Ecdysone

	Botanical Name	Marker Compounds
A		Oleanolic acid
	Aesculus sp.	Allantoin
		α-Amyrin
		β-Amyrin
		trans-Caffeic acid
		Campesterol
		(+)-Catechin
		trans-p-Coumaric acid
		(-)-Epicatechin
		Escin
		Escin IA
		Escin IB
		Esculetin
		Esculin
		Fraxin
		Isoescin IA
		Isoescin IB
		Kaempferol
		Kaempferol 3-glucoside
		Protoescigenin
		Quercetin
		Quercetin 3-glucoside
		Quercitrin
		Rhamnocitrin
		Rutin
		Scopoletin
		Scopolin
	Aethusa sp.	Isorhamnetin 3-rutinoside
		Rutin
	Afzelia sp.	Kaempferol 3-rhamnoside
		β-Amyrin
	Agathis sp.	Borneol
		D,L-Camphene
		DL-Camphor
		Eucalyptol
		α-Pinene
	Agathosma sp.	α-Pinene
		β-Pinene
	Agave sp.	Gitogenin
		Hecogenin
		Tigogenin
	Ageratum sp.	Lycopsamine
		Lycopsamine N-oxide
		β-Pinene
	Agrimonia sp.	Apigenin
		Apigenin 7-glucoside
		(+)-Catechin
		(-)-Epicatechin
		(-)-Epicatechin 3-gallate
		(-)-Epigallocatechin
		(-)-Epigallocatechin 3-gallate
		(-)-Gallocatechin
		Kaempferide
		(+)-Taxifolin
		Ursolic acid
		Vanillic acid
	Agropyron sp.	trans-Aconitic acid
		trans-p-Coumaric acid
	Ailanthus sp.	β-Amyrin
		Apigenin
		Apigenin 7-glucoside
		Betulinic acid
		trans-Caffeic acid
		trans-p-Coumaric acid
		Ellagic acid
		Gallic acid
		Hyperoside
		Kaempferol
		Lupeol
		Luteolin 7-glucoside
		Quercetin
		Quercetin 3-glucoside
		Vitexin
	Ajuga sp.	8-Acetylharpagide
		Ajugol
		Harpagide

	Botanical Name	Marker Compounds
A		Rosmarinic acid
		Teupolioside
	Akebia sp.	Asperosaponin VI
		Betulin
		trans-Caffeic acid
		Calceolarioside B
		Chlorogenic acid
		Hederagenin
		Kaempferol
		Oleanolic acid
		Quercitrin
	Albizia sp.	(-)-Syringaresinol 4-(2''-apiosylglucoside)
		(-)-Syringaresinol 4-O-β-D-glucoside
	Alcea sp.	Cyanidin 3-glucoside chloride
		Delphinidin 3,5-diglucoside chloride
		Delphinidin 3-glucoside chloride
		Malvidin 3,5-diglucoside chloride
		Malvidin 3-glucoside chloride
		Petunidin 3-glucoside chloride
	Alchemilla sp.	Quercetin
	Alchornea sp.	Geraniin
		Protocatechuic acid
		Quercetin
	Aletris sp.	Diosgenin
	Aleurites sp.	Betulinic acid
		Campesterol
		Chebulagic acid
		Corilagin
		Ellagic acid
		Gallic acid
		Geraniin
	Alisma sp.	Alisol A
		Alisol A 24-acetate
		Alisol B
		Alisol B 23-acetate
	Alkanna sp.	Kaempferol 3-glucoside
		Quercetin 3-glucoside
		Rutin
		Shikonin
	Allium sp.	L-Alanine
		L-(±)-Alliin
		Diosgenin
		trans-Ferulic acid
		Kaempferol
		Kaempferol 3-glucoside
		L-Methionine
		Protocatechuic acid
		Quercetin
		Quercetin 3-glucoside
		Resorcinol
		Ruscogenin
		Spiraeoside
	Alnus sp.	Gallic acid
		Hyperoside
	Aloe sp.	Aloe emodin
		Aloenin A
		Aloin A
		Aloin B
		Chrysophanol
		p-Hydroxybenzoic acid
		Salicylic acid
	Alpinia sp.	1'-Acetoxychavicol acetate
		Alnustone
		Asarylaldehyde
		Cardamomin
		p-Coumaroyl alcohol
		Flavokawain B
		5-Hydroxy 1,7-diphenyl 6-hepten 3-one
		Kaempferide
		Tectochrysin
	Alstonia sp.	α-Amyrin
		β-Amyrin
		Reserpine
	Alternanthera sp.	Vitexin 2''-glucoside
	Althaea sp.	Kaempferol
		Myricetin

Botanical Name	Marker Compounds
A	
Amanita sp.	Muscimol
Amaranthus sp.	Rutin
Ammi sp.	Acacetin
	Khellin
	(+)-Marmesin
Amomum sp.	Alpinetin
	Borneol
	(-)-Bornyl acetate
	D,L-Camphene
	DL-Camphor
	Cardamomin
	(-)-Catechin
	Eucalyptol
	Linalyl acetate
	α-Pinene
	β-Pinene
	α-Terpineol
Amorpha sp.	Calycosin 7-glucoside
Ampelopsis sp.	Dihydromyricetin
Amsinckia sp.	7-Acetyllycopsamine
	7-Acetyllycopsamine N-oxide
	Echimidine
	Echimidine N-oxide
	Intermedine
	Intermedine N-oxide
	Lycopsamine
	Lycopsamine N-oxide
Amsonia sp.	Tabersonine hydrochloride
Amyris sp.	Byakangelicin
Anacardium sp.	Protocatechuic acid
Anacyclus sp.	Apigenin 7-glucoside
	Campesterol
	Sesamin
Anagallis sp.	β-Amyrin
	trans-Caffeic acid
	trans-p-Coumaric acid
	Cucurbitacin D
	trans-Ferulic acid
	Kaempferol
	Luteolin
	Rutin
	trans-Sinapic acid
Anagyris sp.	N-Methylcytisine
Anamirta sp.	Berberine chloride dihydrate
	Magnoflorine chloride
	Palmatine chloride
	Picrotoxinin
Ananas sp.	trans-p-Coumaric acid
Anchusa sp.	7-Acetyllycopsamine
	7-Acetyllycopsamine N-oxide
	Allantoin
	trans-Caffeic acid
	Echinatine (alkaloid)
	Echinatine N-oxide
	Kaempferol
	Lithospermic acid
	Lycopsamine
	Lycopsamine N-oxide
	Quercetin 3-glucoside
	Rosmarinic acid
	Rutin
	Salvianolic acid A
	Salvianolic acid B
Andira sp.	Calycosin
Andrographis sp.	Andrograpanin
	Andrographolide
	Dehydroandrographolide
	14-Deoxyandrographolide
	14-Deoxy 11,14-didehydroandrographolide
	7-O-Methylwogonin
	Neoandrographolide
	Panicolin
Anemarrhena sp.	Isomangiferin
	Mangiferin
	Neomangiferin
	Sarsasapogenin
	Timosaponin A III
	Timosaponin B II
Anemone sp.	Anemonin
	Asperosaponin VI
	Raddeanin A
Anethum sp.	Bergapten
	(+)-Carvone
	Z-Ligustilide

Botanical Name	Marker Compounds
A	
	Scopoletin
	Umbelliferone
Angelica sp.	Angelicin
	Bergapten
	(-)-α-Bisabolol
	Borneol
	Byakangelicin
	Byakangelicol
	trans-Caffeic acid
	D,L-Camphene
	Chlorogenic acid
	Decursinol
	Decursinol angelate
	Eucalyptol
	Eugenol
	trans-Ferulic acid
	Fumaric acid
	8-Geranyloxypsoralen
	(+/-)-Heraclenin
	Hesperidin
	α-Humulene
	Imperatorin
	Isobavachalcone
	Isobergapten
	Isoimperatorin
	Isopimpinellin
	Z-Ligustilide
	(+)-Marmesin
	Osthole
	Oxypeucedanin
	α-Pinene
	β-Pinene
	Prim-O-glucosylcimifugin
	Psoralen
	Pteryxin
	Quercetin
	Quercetin 3-glucoside
	Scopoletin
	Umbelliferone
	Vanillic acid
	Xanthotoxin
	Xanthotoxol
Anisodus sp.	Anisodamine hydrobromide
	Anisodine hydrobromide
Anisophyllea sp.	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
Antennaria sp.	Apigenin
	Apigenin 7-glucoside
	Arbutin
	trans-Caffeic acid
	Chlorogenic acid
	Lupeol
	Luteolin
	Luteolin 7-glucoside
	Ursolic acid
Anthemis sp.	Borneol
	(-)-Bornyl acetate
	Kaempferol
	Quercetin
Anthriscus sp.	Yatein
Anthyllis sp.	Quercetin
	Rhamnetin
Antiaris sp.	Convallatoxin
	Cymarin
	Strophanthidine
Apananthe sp.	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
Apium sp.	Apigenin 7-glucoside
	Apiin
	Bergapten
	trans-Caffeic acid
	Chlorogenic acid
	trans-p-Coumaric acid
	trans-Ferulic acid
	Imperatorin
	Isoimperatorin
	Isopimpinellin
	Z-Ligustilide
	Luteolin 7-glucoside
	7-Methoxycoumarin
	Quercetin 3-glucoside
	Scopoletin
	α-Terpineol
	Trioxsalen
Apocynum sp.	Cymarin
Aquilaria sp.	Iriflophenone 3-C-glucoside

A

Botanical Name	Marker Compounds
	Berberine chloride dihydrate
	trans-Caffeic acid
	Coptisin chloride
	Cyanidin 3-glucoside chloride
	Isovitexin
	Magnoflorine chloride
Arachis sp.	5,7-Dihydroxychromone
	Procyanidin A1
	Procyanidin A2
Aralia sp.	Araloside A
	Chlorogenic acid
	Kaurenoic acid
	Ursolic acid
Arbutus sp.	Arbutin
	Avicularin
	Betulinic acid
	Cyanidin 3-galactoside chloride
	Delphinidin 3-galactoside chloride
	Geniposide
	Hyperoside
	Kaempferol 3-rhamnoside
	Lupeol
	Quercitrin
	Ursolic acid
Arctium sp.	α-Amyrin
	β-Amyrin
	Arctigenin
	Arctiin
	Avicularin
	trans-Caffeic acid
	Campesterol
	Chlorogenic acid
	Dehydrocostus lactone
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Kaempferol 3-glucoside
	Lupeol
	(-)-Matairesinol
	Quercetin 3-glucoside
	Rutin
	Taraxasterol acetate
	Ursolic acid
Arctostaphylos sp.	Arbutin
	Asperuloside
	(+)-Catechin
	Corilagin
	Ellagic acid
	Gallic acid
	Hydroquinone
	Hyperoside
	Myricetin
	Myricitrin
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Rutin
	Ursolic acid
Areca sp.	Arecoline hydrobromide
	Procyanidin A1
Argania sp.	β-Amyrin
Argemone sp.	α-Allocryptopine
Argyreia sp.	trans-Caffeic acid
	Chlorogenic acid
	Friedelin
Arisaema sp.	Schaftoside
Aristolochia sp.	Allantoin
	Aristolactam
	Aristolochic acid I
	Aristolochic acid II
	Aristolochic acid C
	Aristolochic acid D
	Borneol
	Chlorogenic acid
	trans-p-Coumaric acid
	Cubebin
	Hinokinin
	7-Hydroxyaristolochic acid I
	Magnoflorine chloride
	trans-Sinapic acid
	α-Terpineol
Armoracia sp.	Glucocheirolin potassium salt
	Glucoerucin potassium salt

A

Botanical Name	Marker Compounds
	Glucoiberin potassium salt
	Gluconapin potassium salt
	Gluconasturtiin potassium salt
	Glucotropaeolin potassium salt
	Sinigrin potassium salt
Arnica sp.	Brevilin A
	Chlorogenic acid
	Cynarin
	1,5-Dicaffeoylquinic acid
	Hispidulin
	Hispidulin 7-glucoside
	Kaempferide
	(-)-Matairesinol
	Naringenin 4',7-dimethylether
	Nepetin
	Nepetin 7-glucoside
	Quercetin
	Quercetin 3-glucoside
	α-Santonin
Aronia sp.	Cyanidin 3-arabinoside chloride
	Delphinidin chloride
	Delphinidin 3-rutinoside chloride
Artemisia sp.	Absinthin
	Artemetin
	Artemicapin C
	Artemisinin
	(-)-α-Bisabolol
	Borneol
	(-)-Bornyl acetate
	D,L-Camphene
	Casticin
	Chlorogenic acid
	Cirsilineol
	Eucalyptol
	Eupalitin
	Eupatorin
	Genkwanin
	Isofraxidin
	Jaceosidin
	Luteolin 7-methyl ether
	7-Methoxycoumarin
	Naringenin 4',7-dimethylether
	Nepetin
	Pachypodol
	Penduletin
	β-Pinene
	Resorcinol
	Rhamnocitrin
	Rutin
	Sabinyl acetate
	Santin
	Scoparone
	Scopoletin
	Sesamin
	α-Terpineol
	(-)-α-Thujone
	3',5,7-Trihydroxy 4',5',6-trimethoxyflavone
Artocarpus sp.	Morusin
	trans-Oxyresveratrol
Arum sp.	Apigenin
	Cyanidin 3-glucoside chloride
	Cyanidin 3-rutinoside chloride
	Isovitexin
	Orientin
	Quercitrin
	Rutin
	3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone
	Vitexin
Arundo sp.	β-Amyrin
	Gramine
Asarum sp.	trans-Aconitic acid
	(-)-Asarinin
	α-Asarone
	β-Asarone
	Asarylaldehyde
	Borneol
	D,L-Camphene
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Higenamine hydrochloride
	Hyperoside
	α-Pinene
	β-Pinene

	Botanical Name	Marker Compounds
A		Quercetin 3-glucoside
		trans-Sinapic acid
		α-Terpineol
	Asclepias sp.	Chlorogenic acid
		Isorhamnetin
		Lupeol
		Quercetin
		Quercetin 3-glucoside
		Rutin
		Uzarin
	Aspalathus sp.	Aspalathin
		Orientin
		Quercetin 3-glucoside
		Quercitrin
	Asparagus sp.	Chelidonic acid
		Hyperoside
		Quercetin 3-glucoside
		Rutin
		Sarsasapogenin
		Shatavarin IV
		(-)-Syringaresinol 4-O-β-D-glucoside
		Yamogenin
	Asphodelus sp.	Aloe emodin
		β-Amyrin
		Apigenin
		Campesterol
		Chelidonic acid
		Chrysophanol
		Chrysophanol 8-glucoside
		Fucosterol
		Homoorientin
		Lupeol
		Luteolin
		Stachydrine chloride
	Aspidosperma sp.	Yohimbine hydrochloride
	Asplenium sp.	Isomangiferin
		Kaempferitrin
		Kaempferol 3-glucoside
		Mangiferin
		Pyrogallol
		Quercetin
		Quercetin 3-glucoside
	Aster sp.	8-Acetylshanzhiside methyl ester
	Astragalus sp.	Astragaloside I
		Astragaloside II
		Astragaloside III
		Astragaloside IV
		Calycosin
		Calycosin 7-glucoside
		Cycloastragenol
		Echinatin
		Formononetin
		9-O-Methylnissolin 3-O-glucoside
		Rhamnocitrin
		Robinin
		Soyasaponin Bb
	Astrantia sp.	Hederacoside C
		Hederagenin
		α-Hederin
		Isovitexin
		Kaempferitrin
		Kaempferol 3-rutinoside
		Quercetin
		Quercetin 3-glucoside
		Rosmarinic acid
		Rutin
	Atherosperma sp.	Berbamine dihydrochloride
	Atractylis sp.	Atractyloside
		Carboxyatractyloside
	Atractylodes sp.	Atractylenolide I
		Atractylenolide II
		Atractylenolide III
		Borneol
		D,L-Camphene
		Scopoletin
		α-Terpineol
	Atriplex sp.	Hederagenin
	Atropa sp.	Apoatropine hydrochloride
		Aposcopolamine
		Atropine sulfate
		Homatropine hydrobromide
		Hyoscyamine sulfate
		Rutin
		Scopolamine hydrobromide

	Botanical Name	Marker Compounds
A		Scopolamine N-oxide hydrobromide
		Scopoletin
		Tropine
		Tropinone
	Aucuba sp.	Aucubine
	Avena sp.	trans-p-Coumaric acid
		trans-Ferulic acid
		Isovitexin
		Scopoletin
		Tricin
		Vitexin 2"-rhamnoside
	Azadirachta sp.	Azadirachtin
B	Baccharis sp.	Apigenin
		Artepillin C
		Eupatorin
		Genkwanin
		Hispidulin
		Nepetin
		4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone
		4',5,7-Trihydroxy 3,6,8-trimethoxyflavone
	Bacopa sp.	Bacopasaponin C
		Bacopaside I
		Bacopaside II
		Bacopaside V
		Bacopaside X
		Bacoside A
		Bacoside A3
		Bacosine
	Ballota sp.	Apigenin
		Apigenin 7-glucoside
		Forsythoside B
		p-Hydroxybenzoic acid
		Salicylic acid
		Stachydrine chloride
	Banisteriopsis sp.	Harmaline
		Harmalol hydrochloride
		Harmine
	Baptisia sp.	Apigenin
		Apigenin 7-glucoside
		Biochanin A
		Cytisine
		Daidzein
		Formononetin
		Genistein
		Kaempferol
		Luteolin
		Luteolin 7-glucoside
		(-)-Maackiain
		N-Methylcytisine
		Quercetin
		Quercetin 3-glucoside
		Rutin
		Scopoletin
		Tectoridin
		Tectorigenin
		Trifolirhizin
	Barbarea sp.	Glucobarbarin potassium salt
		Gluconasturtiin potassium salt
		Glucosibarin
	Barleria sp.	8-Acetylshanzhiside methyl ester
	Barnettia sp.	6-Acetylacteoside
	Barosma sp.	Borneol
		Diosmin
		Rutin
	Basella sp.	Vitexin 7-glucoside
	Begonia sp.	(+)-Catechin
		Cucurbitacin B
		Cucurbitacin D
		(-)-Epicatechin
		Quercitrin
		Rutin
	Belamcanda sp.	Androsin
		Iridin
		Irigenin
		Isomangiferin
		7-O-Methylmangiferin
	Bellardia sp.	Calycopterin
	Bellis sp.	Apigenin 7-glucoside
		Bayogenin
	Berberis sp.	Berbamine dihydrochloride
		Berberine chloride dihydrate
		Chlorogenic acid
		Dihydroberberine
		Jatrorrhizine chloride

Botanical Name	Marker Compounds
B	Magnoflorine chloride
	Palmatine chloride
	Protopine
	Ursolic acid
Bergenia sp.	Arbutin
	Bergenin
Beta sp.	p-Hydroxybenzoic acid
	Vitexin 7-glucoside
Betula sp.	Betulin
	Betulinic acid
	Betulonic acid
	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	Erythrodiol
	Hyperoside
	Lupeol
	Myricitrin
	Oleanonic acid
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Pyrogallol
	Quercitrin
	Rutin
	Salicylic acid
	Scutellarin
	Vanillic acid
Bidens sp.	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Rutin
	Scopoletin
	Umbelliferone
Blumea sp.	5,7-Dihydroxychromone
	Luteolin 7-methyl ether
Boerhaavia sp.	Boeravinone B
	Eupalitin
	Eupalitin 3-galactoside
Bolbostemma sp.	Cucurbitacin B
	Tubeimoside I
	Tubeimoside II
	Tubeimoside III
Bolusanthus sp.	Calycosin
Borago sp.	7-Acetylintermedine
	7-Acetylintermedine N-oxide
	7-Acetyllycopsamine
	7-Acetyllycopsamine N-oxide
	Allantoin
	Intermedine
	Intermedine N-oxide
	Lycopsamine
	Lycopsamine N-oxide
Boswellia sp.	3-O-Acetyl α-boswellic acid
	3-O-Acetyl β-boswellic acid
	3-O-Acetyl 11-keto-β-boswellic acid
	3-O-Acetyl 9,11-dehydro β-boswellic acid
	Borneol
	(-)-Bornyl acetate
	α-Boswellic acid
	β-Boswellic acid
	11-keto-β-Boswellic acid
	D,L-Camphene
	(+)-Catechin
	α,β-Elemolic acid
	β-Elemonic acid
	Incensole
	Incensole acetate
	Lupeol
	α-Pinene
	α-Terpineol
Bowdichia sp.	Lupeol
Brachyglottis sp.	Retrorsine
	Retrorsine N-oxide
	Senecionine
	Senecionine N-oxide
	Senkirkin
Brassica sp.	Campesterol
	trans-Ferulic acid
	Glucoberteroin potassium salt
	Glucobrassicanapin potassium salt
	Glucobrassicin potassium salt
	Glucoerucin potassium salt
	Glucoiberin potassium salt
	Gluconapin potassium salt
	Gluconasturtiin potassium salt

Botanical Name	Marker Compounds
B	Glucoraphanin potassium salt
	Glucotropaeolin potassium salt
	trans-5-Hydroxyferulic acid
	Lutein
	Progoitrin potassium salt
	Sinalbin potassium salt
	trans-Sinapic acid
	Sinapine chloride
	Sinigrin potassium salt
Bridelia sp.	Ellagic acid
	Friedelin
	Gallic acid
	Quercetin 3-glucoside
	Rutin
Bromus sp.	trans-Aconitic acid
Broussonetia sp.	(+)-Marmesin
Bryonia sp.	Cucurbitacin B
	Cucurbitacin D
	Cucurbitacin E
	Cucurbitacin E-2-O-glucoside
	Cucurbitacin I
Buddleja sp.	Agnuside
	Linarin
	Poliumoside
Bufo sp.	Bufalin
	Cinobufagin
	Resibufogenin
Buphane sp.	Apocynin
Bupleurum sp.	trans-Caffeic acid
	Chlorogenic acid
	trans-p-Coumaric acid
	trans-Ferulic acid
	Isorhamnetin
	Kaempferol
	Quercetin
	Quercetin 3-glucoside
	Rutin
	Saikosaponin A
	Saikosaponin B1
	Saikosaponin B2
	Saikosaponin C
	Saikosaponin D
Bursera sp.	β-Amyrin
	α-Terpineol
	Ursolic acid
Butyrospermum sp.	β-Amyrin
Byrsonima sp.	2"-Galloylhyperin
C Caesalpinia sp.	Brazilin
	Protosappanin B
Calamintha sp.	Carvacrol
	Thymol
	Ursolic acid
Calendula sp.	Allantoin
	α-Amyrin
	β-Amyrin
	trans-Caffeic acid
	Campesterol
	trans-p-Coumaric acid
	Faradiol
	trans-Ferulic acid
	Hyperoside
	Isorhamnetin
	Isorhamnetin 3-rutinoside
	Oleanolic acid
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Rutin
	Scopoletin
	Taraxasterol
	Typhaneoside
	Umbelliferone
Callicarpa sp.	2'-Acetylacteoside
	Pachypodol
	Penduletin
	Poliumoside
Callilepis sp.	Atractyloside
	Carboxyatractyloside
Callitris sp.	Amentoflavone
	(-)-Asarinin
	Borneol
	(-)-Bornyl acetate
	Galangin
	Hinokinin

C

Botanical Name	Marker Compounds
	Kaempferol
	(-)-Matairesinol
	Podophyllotoxin
	Quercetin
	Quercitrin
	(+)-Taxifolin
Calluna sp.	Arbutin
	(+)-Catechin
	Chlorogenic acid
	trans-p-Coumaric acid
	(-)-Epicatechin
	Herbacetin
	Hyperoside
	Kaempferol
	Myricetin
	Procyanidin B2
	Protocatechuic acid
	Quercetin
	(+)-Taxifolin
	Ursolic acid
	Vanillic acid
Calophyllum sp.	β-Amyrin
	Friedelin
Caltha sp.	Anemonin
	Hederagenin
	Magnoflorine chloride
	Protopine
	Senecionine
	Senecionine N-oxide
Calvatia sp.	Calvatic acid
Calycopteris sp.	Calycopterin
Camelina sp.	β-Amyrin
	Glucoerucin potassium salt
	Progoitrin potassium salt
Camellia sp.	trans-Caffeic acid
	Caffeine
	Camelliaside A
	Camelliaside B
	(-)-Catechin
	(+)-Catechin
	(-)-Catechin 3-gallate
	Chlorogenic acid
	trans-p-Coumaric acid
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	(-)-Epigallocatechin
	(-)-Epigallocatechin 3-gallate
	Gallic acid
	(-)-Gallocatechin
	(-)-Gallocatechin 3-gallate
	Theaflavin
	Theaflavin 3,3'-digallate
	Theaflavin 3-gallate
	Theaflavin 3'-gallate
	L-Theanine
	Theobromine
	Theogallin
	Theophylline
Camptotheca sp.	Camptothecin
Canarium sp.	α-Amyrin
	β-Amyrin
	D,L-Camphene
	Ellagic acid
	Erythrodiol
	Hyperoside
	1,2,3,4,6-Pentagalloyl β-D-glucose
	α-Terpineol
Canna sp.	Campesterol
	Chelidonic acid
	Cyanidin 3-rutinoside chloride
Cannabis sp.	Apigenin 7-glucuronide
	Hordenine
	Isovitexin
	Orientin
	α-Pinene
	β-Pinene
	Trigonelline chloride
	Vitexin
Caparis sp.	Glucoiberin potassium salt
	Sinalbin potassium salt
	Sinigrin potassium salt
Capsella sp.	Diosmin
	Fumaric acid
	Rutin

C

Botanical Name	Marker Compounds
	trans-Sinapic acid
	Vanillic acid
Capsicum sp.	Apigenin
	Apiin
	Capsaicin
	N-trans-p-Coumaroyltyramine
	Dihydrocapsaicin
	Diosgenin
	Esculetin
	Esculin
	N-trans-Feruloyltyramine
	Isovitexin
	Luteolin 7-glucoside
	Nordihydrocapsaicin
	Orientin
	Scopoletin
	N-Vanillylnonamide
	Vicenin II
	Vitexin
Cardiospermum sp.	β-Amyrin
	Campesterol
	(+)-Catechin
Carex sp.	p-Hydroxybenzoic acid
	Rutin
	Salicylic acid
	Tricin
Carica sp.	Eucalyptol
	Glucotropaeolin potassium salt
Carissa sp.	(-)-Olivil
Carlina sp.	Lupeol
	Orientin
	Vitexin
Carpinus sp.	1,2,3,4,6-Pentagalloyl β-D-glucose
Carthamus sp.	Hydroxysafflor yellow A
	Tracheloside
Carum sp.	Bergapten
	(+)-Carvone
	Chlorogenic acid
	Cryptochlorogenic acid
	p-Hydroxybenzoic acid
	Neochlorogenic acid
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Salicylic acid
	trans-Sinapic acid
	Vanillic acid
	Xanthotoxin
Caryopteris sp.	8-Acetylharpagide
	Penduletin
Casimiroa sp.	Dictamnine
	Phellopterin
Cassia sp.	Aloe emodin
	Aurantio-obtusin
	Campesterol
	(+)-Catechin
	Chrysophanol
	Chrysophanol 8-glucoside
	Dihydrokaempferol
	Emodin
	Isorhamnetin
	Kaempferol
	Kaempferol 3-gentiobioside
	Obtusifolin
	Physcion
	Rhein
	Rhein 8-glucoside
	Rubiadin
	Sennoside A
	Sennoside A1
	Sennoside B
	Sennoside C
	Tinnevellin glucoside
Cassytha sp.	Boldine
Castanea sp.	Betulinic acid
	Castalagin
	Castalin
	(+)-Catechin
	Ellagic acid
	Gallic acid
	(-)-Gallocatechin
	Genkwanin
	Hamamelitannin

C

Botanical Name	Marker Compounds
	Isorhamnetin 3-rutinoside
	Kaempferol 3-glucoside
	Lupeol
	Myricetin
	Myricitrin
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Quercitrin
	Rutin
	Tiliroside
	Ursolic acid
	Vescalagin
Castilla sp.	Cymarin
	Helveticoside
	Strophanthidine
Castor sp.	Borneol
Casuarina sp.	Campesterol
	(+)-Catechin
	Ellagic acid
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	(-)-Epigallocatechin
	(-)-Epigallocatechin 3-gallate
	Gallic acid
	(-)-Gallocatechin
	Hyperoside
	Kaempferol
	Kaempferol 3-rhamnoside
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Quercetin 3-sophoroside
	Rutin
Catalpa sp.	Catalpol
	trans-p-Coumaric acid
	trans-Ferulic acid
	trans-Isoferulic acid
	Lapachol
	Lupeol
	Ursolic acid
	Vanillic acid
Catha sp.	(+)-Catechin
	Celastrol
	Pristimerin
Catharanthus sp.	Ajmalicine
	Kaempferol 3-robinoside 7-glucoside
	Reserpine
	Serpentine hydrogen tartrate
Caulophyllum sp.	Hederacoside D
	Hederagenin
	Magnoflorine chloride
	N-Methylcytisine
Cayaponia sp.	Cucurbitacin B
Ceanothus sp.	Betulin
	Betulinic acid
	(+)-Catechin
	Quercitrin
	Rutin
	Vanillic acid
Cecropia sp.	β-Amyrin
	Gallic acid
	Ursolic acid
Celastrus sp.	β-Amyrin
	Pristimerin
Centaurea sp.	Cirsilineol
	Cnicin
	Cyanidin 3,5-diglucoside chloride
	Cynaropicrin
	Hispidulin
	Hispidulin 7-glucoside
	Jaceosidin
	Kaempferol
	Naringenin
	Nepetin
Centaurium sp.	β-Amyrin
	Campesterol
	Erythrodiol
	Gentiopicroside
	Maslinic acid
	Oleanolic acid
	Protocatechuic acid
	trans-Sinapic acid

C

Botanical Name	Marker Compounds
	Sweroside
	Swertiamarine
	Vanillic acid
Centella sp.	Asiatic acid
	Asiaticoside
	Betulinic acid
	Kaempferol
	Madecassic acid
	Madecassoside
	Terminoloside
Centipeda sp.	Brevilin A
Cephaelis sp.	Cephaeline dihydrobromide
	Emetine dihydrochloride
Cephalotaxus sp.	Ginkgetin
	Homoharringtonine
	Sciadopitysin
Ceratonia sp.	(+)-Catechin
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	Gallic acid
	(-)-Gallocatechin
	Isoschaftoside
	Myricetin
Cerbera sp.	Kaempferol
Cestrum sp.	Gitogenin
	Tigogenin
Cetraria sp.	Fumarprotocetraric acid
	Protocetraric acid
	(+)-Usnic acid
Chaenomeles sp.	(+)-Catechin
	Cyanidin 3-galactoside chloride
	Cyanidin 3-glucoside chloride
	α-Terpineol
Chaerophyllum sp.	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Quercetin
	Rutin
Chamaecytisus sp.	Cytisine
	Daidzein
	Genistein
	Genistin
	Orientin
	Vitexin
Chamaemelum sp.	β-Amyrin
	Apigenin
	Apigenin 7-glucoside
	Apiin
	(-)-α-Bisabolol
	Borneol
	trans-Caffeic acid
	D,L-Camphene
	Chamazulene
	trans-Ferulic acid
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Scopoletin
Chamaenerion sp.	Maslinic acid
Chamomilla sp.	Apigenin
	Apigenin 7-glucoside
	(-)-α-Bisabolol
	Bisabolol oxide A
	Borneol
	(-)-Bornyl acetate
	trans-Caffeic acid
	Chamazulene
	Luteolin
	7-Methoxycoumarin
	Quercetin
	Umbelliferone
	Vanillic acid
Cheiranthus sp.	Helveticoside
	p-Hydroxybenzoic acid
	Quercetin 7-rhamnoside
	Salicylic acid
Chelidonium sp.	α-Allocryptopine
	Berberine chloride dihydrate
	Caffeoylmalic acid
	Chelerythrine chloride
	Chelidonic acid
	Chelidonine
	Coptisin chloride
	Dihydroberberine

C

Botanical Name	Marker Compounds
	Fumaric acid
	Magnoflorine chloride
	Protopine
	Sanguinarine chloride
Chenopodium sp.	Chikusetsusaponin IVa
	Echinocystic acid
	Kaempferol
	Quercetin 3-glucoside
	Sinensetin
	α-Terpineol
	Thymol
Chimaphila sp.	β-Amyrin
	Arbutin
	Avicularin
	(-)-Epicatechin 3-gallate
	Hyperoside
	Quercetin
	Ursolic acid
Chionanthus sp.	Phillyrin
	Ursolic acid
Chrysanthemum sp.	Apigenin 7-glucuronide
	D,L-Camphene
	Luteolin 7-glucoside
	Luteolin 7-glucuronide
	7-Methoxycoumarin
	α-Pinene
	β-Pinene
	Quercetin 7-glucoside
	Scopoletin
	Umbelliferone
Chrysosplenium sp.	Cucurbitacin B
Cichorium sp.	trans-Aconitic acid
	trans-Caffeic acid
	Caffeoylmalic acid
	Caftaric acid
	Chicoric acid
	Chlorogenic acid
	trans-p-Coumaric acid
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Esculin
	trans-Ferulic acid
	Hyperoside
	Isorhamnetin
	Kaempferol 3-glucoside
	Luteolin 7-glucuronide
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Quercitrin
	Scopoletin
	Umbelliferone
Cicuta sp.	trans-Caffeic acid
	trans-Ferulic acid
	Isorhamnetin
	Kaempferol
	β-Pinene
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Rutin
Cimicifuga sp.	Actein
	trans-Caffeic acid
	Chlorogenic acid
	Cimicifugic acid B
	Cimicifugic acid F
	Cimifugin
	Cimigenol 3-α-L-arabinoside
	Cimigenol 3-β-D-xyloside
	Cytisine
	23-epi-26-Deoxyactein
	trans-Ferulic acid
	Friedelin
	p-Hydroxybenzoic acid
	trans-Isoferulic acid
	Kaempferol
	Salicylic acid
	Terminoloside
Cinchona sp.	(-)-Cinchonidine
	(+)-Cinchonine
	(+)-Dihydrocinchonine
	(+)-Dihydroquinidine
	(-)-Dihydroquinine
	(+)-Quinidine

C

Botanical Name	Marker Compounds
	(-)-Quinine
Cinnamomum sp.	Borneol
	trans-Caffeic acid
	D,L-Camphene
	DL-Camphor
	β-Caryophyllene
	(+)-Catechin
	trans-Cinnamic acid
	Cinnamtannin A2
	trans-m-Coumaric acid
	trans-p-Coumaric acid
	Coumarin
	(-)-Epicatechin
	Eucalyptol
	Eugenol
	trans-Ferulic acid
	Hinokinin
	p-Hydroxybenzoic acid
	Kaempferol
	Linalool
	2-Methoxycinnamaldehyde
	α-Pinene
	Procyanidin A2
	Procyanidin B1
	Procyanidin B2
	Procyanidin C1
	Protocatechuic acid
	Salicylic acid
	trans-Sinapic acid
	α-Terpineol
	Vanillic acid
Cirsium sp.	α-Amyrin
	β-Amyrin
	Apigenin
	Apigenin 7-glucoside
	Arctiin
	trans-Caffeic acid
	Chlorogenic acid
	Cirsilineol
	Hispidulin
	Hispidulin 7-glucoside
	Luteolin
	Luteolin 7-glucoside
	Nepetin
	Pectolinarigenin
	Pectolinarin
	Rutin
	Taraxasterol acetate
Cissampelos sp.	(-)-Curine
Cissus sp.	Kaempferol 3-rhamnoside
Cistanche sp.	2'-Acetylacteoside
	Ajugol
	Poliumoside
	Tubuloside A
Cistus sp.	Genkwanin
Citrullus sp.	trans-m-Coumaric acid
	Cucurbitacin B
	Cucurbitacin E
	Cucurbitacin E-2-O-glucoside
	Cucurbitacin I
Citrus sp.	Aurapten
	Bergamottin
	Bergapten
	(-)-α-Bisabolol
	Byakangelicin
	Byakangelicol
	trans-Caffeic acid
	Caffeine
	Campesterol
	(+)-Carvone
	β-Caryophyllene
	Citral
	Citropten
	trans-p-Coumaric acid
	p-Cymene
	5-Demethylnobiletin
	Didymin
	Diosmetin
	Diosmin
	Eleutheroside B
	Epoxybergamottin
	Eriocitrin
	Eriodictyol
	trans-Ferulic acid

Botanical Name	Marker Compounds
C	Friedelin
	Gardenin B
	8-Geranyloxypsoralen
	3,3',4',5,6,7,8-Heptamethoxyflavone
	Hesperetin
	Hesperidin
	Isoimperatorin
	Isopimpinellin
	Isovitexin
	Limocitrin
	Limonin
	Linalool
	Linalyl acetate
	7-Methoxycoumarin
	Naringenin
	Naringin
	Naringin dihydrochalcone
	Narirutin
	Neodiosmin
	Neoeriocitrin
	Neohesperidin
	Neohesperidin dihydrochalcone
	Nobiletin
	Nomilin
	Obacunone
	Osthole
	Oxypeucedanin
	Oxypeucedanin hydrate
	Poncirin
	Quercetin 3-rutinoside 7-glucoside
	Rhoifolin
	Sabinene
	Scutellarein
	trans-Sinapic acid
	Sinensetin
	Synephrine
	Tangeretin
	(+)-Taxifolin
	α-Terpineol
	Theophylline
	3',5,7-Trihydroxy 4',5',6-trimethoxyflavone
	Umbelliferone
	Xanthotoxin
Cladina sp.	Atranorin
Cladonia sp.	Atranorin
	Fumarprotocetraric acid
	(+)-Usnic acid
Clausena sp.	Xanthotoxol
Claviceps sp.	Ergocristine
Cleistopholis sp.	(-)-Curine
Cleome sp.	Calycopterin
	Penduletin
Clerodendrum sp.	Apigenin 7-glucuronide
	Friedelin
Cnicus sp.	α-Amyrin
	Apigenin 7-glucoside
	Arctigenin
	Arctiin
	Cnicin
Cnidium sp.	Osthole
	Xanthotoxol
Coccinia sp.	β-Amyrin
	Chlorogenic acid
	Cucurbitacin D
	p-Hydroxybenzoic acid
	Protocatechuic acid
	Salicylic acid
	Vanillic acid
Coccus sp.	Carminic acid
Cochlearia sp.	trans-Sinapic acid
Cochlospermum sp.	Ellagic acid
	Kaempferol
	Myricetin
	Naringenin
Cocos sp.	Apocynin
	trans-p-Coumaric acid
	trans-Ferulic acid
	Vanillic acid
Coffea sp.	Cafestol
	Caffeine
	Chlorogenic acid
	Cryptochlorogenic acid
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid

Botanical Name	Marker Compounds
C	4,5-Dicaffeoylquinic acid
	Kahweol
	16-O-Methylcafestol
	Neochlorogenic acid
	Theophylline
	Trigonelline chloride
Cola sp.	Caffeine
	(+)-Catechin
	Cinnamtannin A2
	(-)-Epicatechin
	Theobromine
	Theophylline
Colchicum sp.	Colchicine
Coleus sp.	Forskolin
	Isoforskolin
Collinsonia sp.	α-Pinene
	β-Pinene
	Rosmarinic acid
Colocynthis sp.	Cucurbitacin D
Commiphora sp.	Campesterol
	Furanoeudesma 1,3-diene
	Guggulsterone E
	Guggulsterone Z
	Linalool
	α-Pinene
	Sesamin
Conium sp.	Bergapten
	Coniine hydrochloride
	Diosmin
	Xanthotoxin
Conobea sp.	Cucurbitacin B
Consolida sp.	trans-Caffeic acid
	trans-p-Coumaric acid
	trans-Ferulic acid
	Protocatechuic acid
	Vanillic acid
Convallaria sp.	Apigenin
	Chelidonic acid
	Convallatoxin
	Strophanthidine
Convolvulus sp.	Phyllalbine
Conyza sp.	β-Amyrin
	Penduletin
	β-Pinene
Copaifera sp.	Umbelliferone
Coprosma sp.	Alizarin
Corchorus sp.	Corosolic acid
	Helveticoside
	Oleanolic acid
	Quercetin 3-glucoside
	Strophanthidine
	Ursolic acid
Cordyceps sp.	Cordycepin
Coriandrum sp.	Borneol
	D,L-Camphene
	p-Cymene
	Kaempferol
	Linalool
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Rutin
	Scopoletin
Cornus sp.	Betulin
	Betulinic acid
	trans-Caffeic acid
	Cornuside
	Cyanidin 3-galactoside chloride
	Cyanidin 3-glucoside chloride
	Delphinidin 3-galactoside chloride
	Delphinidin 3-glucoside chloride
	Ellagic acid
	trans-Ferulic acid
	Gallic acid
	Geniposide
	p-Hydroxybenzoic acid
	Hyperoside
	Kaempferol
	Kaempferol 3-glucoside
	Loganin
	Morroniside
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Quercitrin

C

Botanical Name	Marker Compounds
	Rutin
	Salicylic acid
	Salidroside
	Sarsasapogenin
	Sweroside
	Ursolic acid
	Verbenalin
Coronnilla sp.	Daphnoretin
Corydalis sp.	α-Allocryptopine
	Berberine chloride dihydrate
	(+)-Bicuculline
	Coptisin chloride
	Corydaline
	Dihydroberberine
	N-trans-Feruloyltyramine
	(+)-Isocorydine hydrochloride
	Jatrorrhizine chloride
	Magnoflorine chloride
	Palmatine chloride
	Protopine
	Sanguinarine chloride
	Tetrahydropalmatine
Corylus sp.	Betulin
	Chlorogenic acid
	Myricitrin
Costus sp.	Dioscin
	Diosgenin
	Gracillin
	Prosapogenin A
	Protodioscin
	Tigogenin
Crambe sp.	Epiprogoitrin potassium salt
	Gluconapin potassium salt
	Sinalbin potassium salt
	Sinigrin potassium salt
Crassocephalum sp.	Jacobine
	Jacobine N-oxide
Crataegus sp.	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	Cinnamtannin A2
	(-)-Epicatechin
	Hyperoside
	Isoschaftoside
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Maslinic acid
	Oleanolic acid
	Procyanidin A2
	Procyanidin B1
	Procyanidin B2
	Rutin
	Spiraeoside
	Ursolic acid
	Vanillic acid 4-β-D-glucoside
	Vicenin II
	Vicenin III
	Vitexin
	Vitexin 2''-glucoside
	Vitexin 2"-rhamnoside
Crataeva sp.	Lupeol
Crinum sp.	Isorhamnetin 3-rutinoside
Crocus sp.	Crocin
	Crocin 2
	Delphinidin 3,5-diglucoside chloride
	Delphinidin 3-rutinoside chloride
	Ursolic acid
Crotalaria sp.	Monocrotaline
	Monocrotaline N-oxide
	Quercetin 3,3',4',7-tetramethylether
	Retrorsine
	Retrorsine N-oxide
	Senecionine
	Senecionine N-oxide
	Seneciphylline
	Seneciphylline N-oxide
	Senkirkin
	Trichodesmine
Croton sp.	Artemetin
	Asarylaldehyde
	Betulin
	(+)-Catechin
	Gallic acid

C

Botanical Name	Marker Compounds
	(-)-Gallocatechin
	3,3',4',5,6,7,8-Heptamethoxyflavone
	Hyperoside
	Isorhamnetin
	Pachypodol
	Penduletin
	Procyanidin B1
	Quercetin
	α-Terpineol
Cryptantha sp.	Intermedine
	Intermedine N-oxide
	Lycopsamine
	Lycopsamine N-oxide
Cucumis sp.	Cucurbitacin A
	Cucurbitacin B
	Cucurbitacin E
	Cucurbitacin E-2-O-glucoside
Cucurbita sp.	β-Amyrin
	Campesterol
	Cucurbitacin B
	Cucurbitacin D
	Cucurbitacin E
	Cucurbitacin E-2-O-glucoside
	Cucurbitin chloride
	Isorhamnetin 3-rutinoside
	Kaempferol 3-glucoside
	Kaempferol 3-rutinoside
	Quercetin 3-glucoside
	Rutin
	Secoisolariciresinol diglucoside
Cuminum sp.	Apigenin 7-glucoside
	D,L-Camphene
	Luteolin
	α-Terpineol
Curculigo sp.	Curculigoside
	Orcinol β-D-glucoside
Curcuma sp.	Bisdemethoxycurcumin
	Borneol
	D,L-Camphene
	DL-Camphor
	trans-Cinnamic acid
	trans-p-Coumaric acid
	Curcumin
	Curcumol
	Demethoxycurcumin
	Eucalyptol
	Germacrone
	Hexahydrocurcumin
	trans-p-Methoxycinnamic acid ethyl ester
	Protocatechuic acid
	Tetrahydrocurcumin
	ar-Turmerone
	Vanillic acid
	Zerumbone
Cuscuta sp.	N-Caffeoyl O-methyltyramine
Cyamopsis sp.	trans-Caffeic acid
	Chlorogenic acid
	trans-p-Coumaric acid
	Ellagic acid
	Gallic acid
	p-Hydroxybenzoic acid
	Kaempferol 3-glucoside
	Protocatechuic acid
	Quercetin
	Rutin
	Salicylic acid
	Vanillic acid
Cyanotis sp.	β-Ecdysone
Cyclea sp.	(-)-Curine
Cyclopia sp.	Iriflophenone 3-C-glucoside
	Isomangiferin
Cydonia sp.	Amygdalin
	Quercetin 3-glucoside
	Schaftoside
Cymbopogon sp.	Citral
	Luteolin
Cynanchum sp.	Caudatin
Cynara sp.	trans-Caffeic acid
	Chlorogenic acid
	Cryptochlorogenic acid
	Cynarin
	Cynaropicrin
	1,5-Dicaffeoylquinic acid
	Luteolin

	Botanical Name	Marker Compounds
C		Luteolin 7-glucoside
		Luteolin 7-glucuronide
		Neochlorogenic acid
		Rutin
		Taraxasterol
	Cynodon sp.	β-Amyrin
	Cynoglossum sp.	Echinatine (alkaloid)
		Echinatine N-oxide
	Cyperus sp.	β-Amyrin
		α-Cyperone
	Cyrodalis sp.	Corynoline
	Cytisus sp.	Cytisine
		Genistein
		N-Methylcytisine
		Quercetin 3-glucoside
		Spiraeoside
D	Dactylis sp.	trans-Aconitic acid
	Dactylopius sp.	Carminic acid
	Daemonorops sp.	Dracorhodin perchlorate
		Loureirin A
	Daphne sp.	Apigenin
		Apigenin 7-glucoside
		Chelidonic acid
		Daphnetin
		Daphnoretin
		Diosmin
		Eleutheroside B
		Genkwanin
		Hesperidin
		Linarin
		Luteolin
		Luteolin 7-glucoside
		Luteolin 7-methyl ether
		Orientin
		(+)-Pinoresinol
		Quercetin 3-glucoside
		Sesamin
		Tiliroside
		Umbelliferone
	Datura sp.	Apoatropine hydrochloride
		Aposcopolamine
		Atropine sulfate
		trans-Caffeic acid
		Coumarin
		Homatropine hydrobromide
		6β-Hydroxytropinone
		Hyoscyamine sulfate
		Noratropine
		Norscopolamine
		Pseudotropine
		Scopolamine hydrobromide
		Scopolamine N-oxide hydrobromide
		Scopoletin
		Tropine
		Tropinone
		Umbelliferone
	Delphinium sp.	trans-Aconitic acid
		Delphinidin 3-rutinoside chloride
		Denudatine
		Fuziline
	Dendranthema sp.	Acacetin
		Alantolactone
		α-Amyrin
		β-Amyrin
		Apigenin
		Apigenin 7-glucoside
		Apigenin 7-glucuronide
		Baicalin
		Borneol
		(-)-Bornyl acetate
		Campesterol
		D,L-Camphene
		Chamazulene
		Diosmetin
		Ellagic acid
		Fargesin
		Linalyl acetate
		Lupeol
		Luteolin
		Luteolin 7-glucoside
		Penduletin
		α-Pinene
		β-Pinene
		Quercetin

	Botanical Name	Marker Compounds
D		Quercetin 7-glucoside
		Sesamin
		Stachydrine chloride
		(-)-α-Thujone
		Thymol
	Dendrobium sp.	N-trans-p-Coumaroyltyramine
		Erianin
		N-trans-Feruloyltyramine
	Desmodium sp.	Swertisin
		Vicenin III
	Dicentra sp.	α-Allocryptopine
		(+)-Bicuculline
		(+)-Isocorydine hydrochloride
		Protopine
	Dictamnus sp.	Aurapten
		Bergapten
		D,L-Camphene
		Dictamnine
		Diosmin
		Fraxinellone
		α-Humulene
		Isoimperatorin
		Limonin
		Obacunone
		α-Pinene
		β-Pinene
		Psoralen
		Quercetin 3-glucoside
		Rutin
		Scopoletin
		Skimmianine
		α-Terpineol
		Trigonelline chloride
		Umbelliferone
		Xanthotoxin
	Digitalis sp.	Calycopterin
		Digitoxin
		Gitogenin
		Lanatoside C
		Tigogenin
	Dionaea sp.	Gallic acid
		Kaempferol 3-glucoside
		Plumbagin
		Quercetin 3-glucoside
	Dioscorea sp.	Androstenedione
		Diosgenin
		Gracillin
	Diplopanax sp.	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	Dipsacus sp.	Asperosaponin VI
		Macranthoidin A
	Dipteryx sp.	Coumarin
	Dorema sp.	p-Hydroxybenzoic acid
		Salicylic acid
	Dorstenia sp.	Byakangelicin
	Dracaena sp.	Loureirin B
		trans-Pterostilbene
	Dracocephalum sp.	Calycopterin
		Luteolin 3'-glucuronide
	Dracunculus sp.	trans-p-Coumaric acid
	Drimys sp.	trans-Caffeic acid
		trans-p-Coumaric acid
		Kaempferol
		Luteolin
		Sesamin
		(+)-Taxifolin
	Drosera sp.	Gossypin
		Kaempferol
		Myricetin
		Plumbagin
	Dryas sp.	Avicularin
		Limocitrin
		Quercetin
	Drynaria sp.	Neoeriocitrin
	Dryopteris sp.	Procyanidin B2
	Duboisia sp.	Atropine sulfate
		Hyoscyamine sulfate
		Norscopolamine
		Scopolamine hydrobromide
E	Ecballium sp.	Cucurbitacin B
		Cucurbitacin D
	Echinacea sp.	Borneol
		(-)-Bornyl acetate
		Caftaric acid
		Chicoric acid

E

Botanical Name	Marker Compounds
	Chlorogenic acid
	Cyanidin 3-glucoside chloride
	Cynarin
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Dodeca 2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide
	Echinacoside
	trans-Fertaric acid
	Kaempferol
	α-Pinene
	Quercetin
	Rutin
	Verbascoside
Echinops sp.	Rhamnocitrin
	Taraxasterol
Echium sp.	Echimidine
	Echimidine N-oxide
Eclipta sp.	β-Amyrin
	Apigenin
	Apigenin 7-glucoside
	Echinocystic acid
	Eclalbasaponin I
	Eclalbasaponin II
	Luteolin
	Luteolin 7-glucoside
	Wedelolactone
Elaeis sp.	β-Amyrin
	trans-Ferulic acid
	Vanillic acid
Elaeocarpus sp.	1,2,3,4,6-Pentagalloyl β-D-glucose
Elettaria sp.	Borneol
	α-Terpineol
Eleutherococcus sp.	trans-Caffeic acid
	Chlorogenic acid
	Eleutheroside B
	Eleutheroside E
	Isofraxidin
	Oleanolic acid
	Sesamin
Embelia sp.	Embelin
Emblica sp.	Gallic acid
Emilia sp.	Senecionine
	Senecionine N-oxide
	Seneciphylline
	Seneciphylline N-oxide
	Senkirkin
Empetrum sp.	2',4'-Dihydroxydihydrochalcone
Ephedra sp.	(+)-Catechin
	trans-Cinnamic acid
	trans-p-Coumaric acid
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	(-)-Epigallocatechin
	(-)-Gallocatechin
	Ligustrazine
	Protocatechuic acid
	Rutin
	α-Terpineol
	Vanillic acid
	Vicenin II
	Vicenin III
Epilobium sp.	Guaiaverin
	Hyperoside
	Kaempferol
	Myricetin
	Myricitrin
	Oleanolic acid
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Quercitrin
	Ursolic acid
Epimedium sp.	Cycloolivil
	Epimedin A
	Epimedin A1
	Epimedin B
	Epimedin C
	Icariin
	Icariside I
	Icariside II
	Icaritin
Equisetum sp.	Apigenin
	Dihydrokaempferol

E

Botanical Name	Marker Compounds
	Herbacetin
	Kaempferol 3-glucoside
	Luteolin
	Naringenin
	Quercetin 3-glucoside
	Quercetin 3-sophoroside
	(+)-Taxifolin
Erica sp.	Apigenin
	Apigenin 7-glucoside
	Arbutin
	(+)-Catechin
	Cyanidin 3-arabinoside chloride
	Limocitrin
	Malvidin 3-galactoside chloride
	Malvidin 3-glucoside chloride
	Myricetin
	Quercetin 3-glucoside
	Rutin
	Vanillic acid
Eriobotrya sp.	Corosolic acid
Eriodictyon sp.	Apigenin
	Chrysin
	Eriodictyol
	Jaceosidin
	Kaempferol 3-glucoside
	Luteolin
	Naringenin
	Pinocembrin
	Sakuranetin
Eruca sp.	Glucoerucin potassium salt
Erycibe sp.	Calycosin
Eryngium sp.	Betulinic acid
Eryngium sp.	Kaempferitrin
	Kaempferol 3-glucoside
	Quercetin 3-glucoside
	Rosmarinic acid
Erysimum sp.	Helveticoside
	Rhamnetin
	trans-Sinapic acid
	Strophanthidine
Erythrina sp.	Calycosin
	Isobavachalcone
	Neobavaisoflavone
Erythroxylum sp.	α-Amyrin
	β-Amyrin
	trans-Caffeic acid
	trans-Cinnamic acid
	6β-Hydroxytropinone
	α-Pinene
	Quercitrin
	Rutin
Eschscholzia sp.	α-Allocryptopine
	Berberine chloride dihydrate
	Californidine perchlorate
	Chelerythrine chloride
	Coptisin chloride
	(+)-Isocorydine hydrochloride
	Magnoflorine chloride
	Protopine
	Sanguinarine chloride
Esenbeckia sp.	Skimmianine
Eucalyptus sp.	Betulonic acid
	D,L-Camphene
	(+)-Catechin
	Ellagic acid
	Eucalyptol
	Gallic acid
	Hyperoside
	Kaempferol
	Myricetin
	α-Pinene
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Rutin
	Sabinene
Eucommia sp.	Deacetylasperulosidic acid
	Geniposide
	Geniposidic acid
	Pinoresinol diglucoside
	Pinoresinol 4-glucoside
Eugenia sp.	Germacrone
	Myricetin
	Myricitrin

Botanical Name	Marker Compounds
E	Quercitrin
Eupatorium sp.	Echinatine (alkaloid)
	Echinatine N-oxide
	Intermedine
	Intermedine N-oxide
	Kaempferide
	Lycopsamine
	Lycopsamine N-oxide
	Naringenin 4',7-dimethylether
	Nepetin
	(-)-Olivil
	Pectolinarigenin
	Taraxasterol
Euphorbia sp.	β-Amyrin
	Betulin
	Borneol
	trans-Caffeic acid
	Campesterol
	Chebulagic acid
	Chlorogenic acid
	Corilagin
	trans-p-Coumaric acid
	Cyanidin 3,5-diglucoside chloride
	Daphnetin
	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	Ellagic acid
	Erythrodiol
	Euphorbiasteroid
	trans-Ferulic acid
	Fumaric acid
	Gallic acid
	Geraniin
	β-Glucogallin
	Hyperoside
	Kaempferol
	Kaempferol 3-glucoside
	Kaempferol 3-rhamnoside
	Lathyrol
	Lupeol
	Myricetin
	Myricitrin
	Naringenin 4',7-dimethylether
	Neochlorogenic acid
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Quercitrin
	Rhamnetin
	Rutin
	Scopoletin
	1,3,6-Trigalloyl β-D-glucose
	Umbelliferone
Euphrasia sp.	Apigenin
	Aucubine
	trans-Caffeic acid
	Catalpol
	trans-Ferulic acid
	Geniposide
	Luteolin
	Quercetin 3-glucoside
	Rutin
Evernia sp.	Atranorin
Evodia sp.	Rutaecarpine
	Skimmianine
	Synephrine
Excoecaria sp.	β-Amyrin
	Corilagin
	Geraniin
Exochorda sp.	Lonicerin
Exostema sp.	Vanillic acid
F	
Fabiana sp.	Apocynin
Fagara sp.	α-Allocryptopine
	Skimmianine
Fagopyrum sp.	Chlorogenic acid
	Emodin 8-glucoside
	Hyperoside
	Isovitexin
	Orientin
	Protocatechuic acid
	Quercitrin
	Rutin
	Vitexin
Fagus sp.	Myricetin

Botanical Name	Marker Compounds
F	Quercetin 3-glucoside
	Quercitrin
	(+)-Taxifolin
	Vanillic acid
Fallopia sp.	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	Chrysophanol
	Emodin 8-glucoside
	Physcion
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	trans-Resveratrol
	Rhein
	Rutin
Feronia sp.	(+)-Marmesin
Ferula sp.	(-)-Bornyl acetate
	D,L-Camphene
	(+)-Δ-3-Carene
	(+)-Catechin
	Chamazulene
	trans-Ferulic acid
	Isopimpinellin
	Phellopterin
	α-Pinene
	α-Terpineol
	Umbelliferone
	Vanillic acid
Ficus sp.	α-Amyrin
	β-Amyrin
	Bergapten
	Fumaric acid
	Guaiazulene
	Isoschaftoside
	Lupeol
	(+)-Marmesin
	Oleanolic acid
	Psoralen
	Rutin
	Scopoletin
	α-Terpineol
	Umbelliferone
	Xanthotoxin
Filipendula sp.	Ellagic acid
	Gallic acid
	Hyperoside
	Methyl salicylate
	Quercetin
	Quercetin 3-glucuronide
	Rutin
	Salicylic acid
	Spiraeoside
Flueggea sp.	Bergenin
	Betulonic acid
	Ellagic acid
	Gallic acid
	Hordenine
	Lupeol
	Rutin
Foeniculum sp.	trans-Anethole
	Bergapten
	trans-Caffeic acid
	D,L-Camphene
	DL-Camphor
	Chlorogenic acid
	trans-Cinnamic acid
	1,5-Dicaffeoylquinic acid
	Estragole
	(-)-Fenchone
	(+)-Fenchone
	trans-Ferulic acid
	Fumaric acid
	Imperatorin
	Isorhamnetin
	Kaempferol
	Oleanolic acid
	α-Pinene
	Protocatechuic acid
	Psoralen
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide

	Botanical Name	Marker Compounds
F		Rutin
		Scopoletin
		Umbelliferone
		Vanillic acid
		Xanthotoxin
	Forsythia sp.	Forsythoside A
		Forsythoside B
		Phillyrin
		Pinoresinol 4-glucoside
	Fragaria sp.	Astringin
		(+)-Catechin
		(-)-Gallocatechin
		p-Hydroxybenzoic acid
		Pelargonidin chloride
		Pelargonidin 3-glucoside chloride
		Procyanidin B1
		Procyanidin B2
		Procyanidin B3
		Quercitrin
		Rutin
		Salicylic acid
	Fraxinus sp.	β-Amyrin
		Betulin
		Campesterol
		Eleutheroside B
		Esculetin
		Esculin
		Fraxetin
		Fraxin
		Fraxinol
		Isofraxidin
		Lupeol
		Luteolin 7-glucoside
		(-)-Olivil
		Protocatechuic acid
		Rutin
		Scoparone
		Scopoletin
		trans-Sinapic acid
		Ursolic acid
		Vanillic acid
	Fritillaria sp.	Peimine
		Peiminine
		Sipeimine
	Fuchsia sp.	Quercetin 3-sophoroside
	Fucus sp.	Fucosterol
	Fumaria sp.	Fumaric acid
		Protopine Quercetin 3-glucoside
		Rutin
G	Galanthus sp.	Galanthamine hydrobromide
		Narciclasine
	Galega sp.	Vasicine hydrochloride
		Vasicinone
	Galium sp.	Alizarin
		Apigenin
		Asperuloside
		Asperulosidic acid
		trans-Caffeic acid
		Chlorogenic acid
		Coumarin
		Deacetylasperulosidic acid
		Diosmetin
		Gallic acid
		Hesperidin
		p-Hydroxybenzoic acid
		Kaempferol
		Kaempferol 3-sambubioside
		Lucidin 3-primeveroside
		Luteolin
		Monotropein
		Myricetin
		Quercetin 3-glucoside
		Rubiadin
		Rutin
		Salicylic acid
		Scopoletin
	Ganoderma sp.	Ganoderic acid A
		Ganoderic acid B
		Ganoderic acid D
		Ganoderic acid F
	Garcinia sp.	Amentoflavone
		Betulin
		Cyanidin 3-glucoside chloride
		Cyanidin 3-sambubioside chloride

	Botanical Name	Marker Compounds
G		Gambogic acid
		Garcinone C
		Garcinone D
		Gartanin
		(-)-Hydroxycitric acid lactone
		Mangostin
		γ-Mangostin
		Morellic acid
		Neogambogic acid
	Gardenia sp.	Chikusetsusaponin IVa
		Deacetylasperulosidic acid
		Deacetylasperulosidic acid methyl ester
		5-Demethylnobiletin
		Gardenin B
		Genipin
		Geniposide
		Geniposidic acid
		Nevadensin
		Shanzhiside
		3',5,7-Trihydroxy 4',5',6-trimethoxyflavone
	Gastrodia sp.	Gastrodin
		Parishin
		Parishin B
		Parishin C
		Parishin E
	Gaultheria sp.	p-Hydroxybenzoic acid
		Salicylic acid
	Gelsemium sp.	Gelsemine
		Koumine
		Pyrogallol
		Scopoletin
		Sempervirine nitrate
	Genista sp.	Cytisine
		Daidzein
		Fisetin
		Genistein
		Kaempferol
		Luteolin
		N-Methylcytisine
	Gentiana sp.	Amarogentin
		Erythrodiol
		Gentiopicroside
		Homoorientin
		Isogentisin
		Isovitexin
		Loganic acid
		Mangiferin
		Neomangiferin
		Roburic acid
		Saponarin
		Sweroside
		Swertiamarine
	Gentianella sp.	Swertisin
	Geranium sp.	Apocynin
		trans-Caffeic acid
		(+)-Catechin
		Corilagin
		Ellagic acid
		(-)-Epicatechin
		(-)-Epigallocatechin
		trans-Ferulic acid
		Gallic acid
		(-)-Gallocatechin
		2"-Galloylhyperin
		Geraniin
		Germacrone
		Hyperoside
		Kaempferide
		Kaempferol
		Kaempferol 3-glucoside
		Kaempferol 3-rutinoside
		Myricetin
		Quercetin
		Quercetin 3-glucoside
		Quercetin 3,3',4',7-tetramethylether
		Rutin
		Spiraeoside
	Geum sp.	Geraniin
	Ginkgo sp.	Amentoflavone
		Apigenin 7-glucoside
		Benzyl alcohol
		(-)-Bilobalide
		Bilobetin
		Campesterol

Botanical Name	Marker Compounds
G	Dihydrokaempferol
	(-)-Epicatechin
	(-)-Epigallocatechin
	Ginkgetin
	Ginkgolic acid C13:0
	Ginkgolic acid C15:1
	Ginkgolic acid C17:1
	Ginkgolic acids RN
	Ginkgolide A
	Ginkgolide B
	Ginkgolide C
	Ginkgolide J
	Ginkgotoxin hydrochloride
	Isoginkgetin
	Isorhamnetin
	Kaempferol
	Kaempferol 3-glucoside
	Luteolin
	N-Malonyl DL-tryptophan
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Rutin
	Sciadopitysin
	Sesamin
	Thymol
	Typhaneoside
	Vanillic acid
Glaucium sp.	α-Allocryptopine
Glechoma sp.	Apigenin 7-glucoside
	Hyperoside
	Quercetin 3-glucoside
	Rosmarinic acid
	trans-Sinapic acid
	Ursolic acid
Gleditsia sp.	Fisetin
	Robinetin
Globularia sp.	Apigenin 7-glucoside
	Aucubine
	Catalpol
	trans-Cinnamic acid
	Eleutheroside B
	p-Hydroxybenzoic acid
	Protocatechuic acid
	Rutin
	Salicylic acid
	trans-Sinapic acid
	Vanillic acid
Gloriosa sp.	Colchicine
	p-Hydroxybenzoic acid
Glycine sp.	Campesterol
	Cinnamtannin A2
	Daidzein
	Daidzin
	Formononetin
	Fumaric acid
	Genistein
	Genistin
	Glycitein
	Glycitin
	Isoformononetin
	Isoschaftoside
	Kaempferol 3-gentiobioside
	N-Malonyl DL-tryptophan
	Ononin
	β-Sitosterol
	β-Sitosterol D-glucoside
	Soyasapogenol A
	Soyasapogenol B
	Soyasaponin Aa
	Soyasaponin Ba
	Soyasaponin Bb
	Vitexin
	Vitexin 2"-rhamnoside
Glycyrrhiza sp.	β-Amyrin
	Betulinic acid
	Calycosin 7-glucoside
	Echinatin
	Formononetin
	Galangin
	Genistein
	Genistin
	Genkwanin

Botanical Name	Marker Compounds
G	Glabridin
	18α-Glycyrrhetinic acid
	18β-Glycyrrhetinic acid
	Glycyrrhizin
	Glycyrrhizin ammonium salt
	Isobavachalcone
	Isoliquiritigenin
	Isoliquiritin
	Isorhamnetin
	Isoschaftoside
	Isovitexin
	Kaempferol
	Kaempferol 3-glucoside
	Kaempferol 3-rutinoside
	Licochalcone A
	Liquiritigenin
	Liquiritin
	Liquiritin apioside
	Lupeol
	7-Methoxycoumarin
	Naringenin
	Neoliquiritin
	Pinocembrin
	Quercetin
	Quercetin 3-glucoside
	Rutin
	Schaftoside
	Scopoletin
	α-Terpineol
	Umbelliferone
	Vicenin II
	Vitexin
Gnaphalium sp.	Hispidulin
	Hispidulin 7-glucoside
	Luteolin 7-methyl ether
	Obtusifolin
Gnetum sp.	Isorhapontigenin
	ε-Viniferin
Gnidia sp.	Chelidonic acid
	Daphnetin
	Genkwanin
	Umbelliferone
Gossypium sp.	β-Amyrin
	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	Cyanidin 3-glucoside chloride
	Gossypin
	Gossypol
	Kaempferide
	Kaempferol
	Kaempferol 3-glucoside
	Quercetin 3-glucoside
	Quercetin 7-glucoside
	Quercetin 3-sophoroside
	Quercitrin
	Rutin
	β-Sitosterol
	β-Sitosterol D-glucoside
Gratiola sp.	Betulinic acid
	Cucurbitacin E
	Cucurbitacin E-2-O-glucoside
	Cucurbitacin I
	Verbascoside
Griffonia sp.	Griffonilide
	Griffonin
	5-Hydroxy L-tryptophan
Grindelia sp.	Bayogenin
	Borneol
	(-)-Bornyl acetate
	D,L-Camphene
	Echinocystic acid
	Quercetin
	Vanillic acid
Guaiacum sp.	Guaiazulene
	Oleanolic acid
Gutierrezia sp.	4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone
	4',5,7-Trihydroxy 3,6,8-trimethoxyflavone
Gymnema sp.	β-Amyrin
	Deacylgymnemic acid
	Gymnemagenin
Gymnosperma sp.	3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone
	4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone
	4',5,7-Trihydroxy 3,6,8-trimethoxyflavone

	Botanical Name	Marker Compounds
G	Gynostemma sp.	Gypenoside XLIX
	Gynura sp.	Kaempferol 3-robinoside 7-glucoside
		Senecionine
		Senecionine N-oxide
		Seneciphylline
		Seneciphylline N-oxide
		Senkirkin
	Gypsophila sp.	Betulinic acid
		trans-Caffeic acid
		Chlorogenic acid
		Homoorientin
		Orientin
H	Haematoxylum sp.	trans-Caffeic acid
		Chlorogenic acid
		Ellagic acid
		trans-Ferulic acid
		Gallic acid
		β-Glucogallin
		Isorhamnetin
		Kaempferol
		Myricetin
		1,2,3,4,6-Pentagalloyl β-D-glucose
	Hagenia sp.	Cyanidin 3-glucoside chloride
		Cyanidin 3-sophoroside chloride
	Hamamelis sp.	trans-Caffeic acid
		(+)-Catechin
		(-)-Epicatechin 3-gallate
		(-)-Epigallocatechin 3-gallate
		Ethyl gallate
		Gallic acid
		(-)-Gallocatechin
		β-Glucogallin
		Hamamelitannin
		Kaempferol
		Kaempferol 3-glucoside
		Kaempferol 3-rhamnoside
		Myricetin
		Myricitrin
		1,2,3,4,6-Pentagalloyl β-D-glucose
		Quercetin
		Quercetin 3-glucoside
		Quercitrin
		Spiraeoside
	Haplopappus sp.	Borneol
		(-)-Bornyl acetate
		Esculetin
		Isorhamnetin
		Quercetin
		Rhein
	Haplophyllum sp.	(+)-Eudesmin
		Skimmianine
	Harpagophytum sp.	6-Acetylacteoside
		8-p-Coumaroylharpagide
		Fisetin
		Harpagide
		Harpagoside
		Isoverbascoside
		Verbascoside
	Harungana sp.	Astilbin
		Betulinic acid
		Chrysophanol
		(-)-Epicatechin
		Hypericin
		Hyperoside
		Physcion
		Procyanidin B2
		Pseudohypericin
		Quercitrin
	Hedera sp.	Asperosaponin VI
		Bayogenin
		trans-Caffeic acid
		Campesterol
		Chlorogenic acid
		trans-p-Coumaric acid
		3,4-Dicaffeoylquinic acid
		3,5-Dicaffeoylquinic acid
		4,5-Dicaffeoylquinic acid
		trans-Ferulic acid
		Hederacoside C
		Hederacoside D
		Hederagenin
		α-Hederin
		Oleanolic acid
		Quercetin 3-glucoside

	Botanical Name	Marker Compounds
H		Rutin
		Scopolin
	Hedycarya sp.	Boldine
	Hedychium sp.	trans-p-Methoxycinnamic acid ethyl ester
	Hedyotis sp.	Asperulosidic acid
		Deacetylasperulosidic acid
		Deacetylasperulosidic acid methyl ester
	Helenium sp.	Brevilin A
		Hispidulin
		Homoorientin
		Isovitexin
		Orientin
		Vitexin
	Helianthus sp.	Campesterol
		Echinocystic acid
		Fumaric acid
		Isoliquiritigenin
		Nevadensin
		Quercetin 3-glucoside
		Secoisolariciresinol diglucoside
	Helichrysum sp.	Apigenin
		1,5-Dicaffeoylquinic acid
		Gossypin
		Hibifolin
		Naringenin
		Protocatechuic acid
		trans-Sinapic acid
	Helicia sp.	Helicid
	Heliotropium sp.	Echinatine (alkaloid)
		Echinatine N-oxide
		Europine hydrochloride
		Europine N-oxide
		Heliotrine
		Heliotrine N-oxide
		Indicine hydrochloride
		Indicine N-oxide
		Lasiocarpine
		Lasiocarpine N-oxide
		Lithospermic acid
		Lycopsamine
		Lycopsamine N-oxide
		Rosmarinic acid
		Salvianolic acid A
		Salvianolic acid B
		Trichodesmine
	Helleborus sp.	Anemonin
		Kaempferol 3-sambubioside
		Magnoflorine chloride
	Hemsleya sp.	Chikusetsusaponin IVa
		Cucurbitacin B
		Hemslecin A
	Hepatica sp.	Anemonin
		Cyanidin 3-glucoside chloride
		Delphinidin 3,5-diglucoside chloride
		Quercetin 3-glucoside
		Quercetin 3-glucuronide
	Heracleum sp.	Angelicin
		Bergapten
		Byakangelicin
		Byakangelicol
		Imperatorin
		Isobergapten
		Isopimpinellin
		Psoralen
		Scopoletin
		Umbelliferone
		Xanthotoxin
	Herissantia sp.	Calycopterin
	Hernandia sp.	Yatein
	Herniaria sp.	Isorhamnetin 3-rutinoside
	Hesperis sp.	Helveticoside
	Heterotheca sp.	Borneol
		Casticin
		Hyperoside
		Kaempferol 3-rutinoside
		Pachypodol
		Penduletin
		Protocatechuic acid
		Quercetin
		Quercetin 3-glucoside
		Quercetin 3-glucuronide
		Rutin
	Hevea sp.	Fucosterol
		Isovitexin

Botanical Name	Marker Compounds
H	Trigonelline chloride
	Vitexin
Hibiscus sp.	Cyanidin 3-sambubioside chloride
	Cyanidin 3-sophoroside chloride
	Delphinidin 3-sambubioside chloride
	Gossypin
	Hibifolin
Hierochloe sp.	Coumarin
Hintonia sp.	Vanillic acid
Hippeastrum sp.	Isorhamnetin 3-rutinoside
Hippocratea sp.	Pristimerin
Hippophae sp.	β-Amyrin
	trans-p-Coumaric acid
	Ellagic acid
	(-)-Epicatechin
	(-)-Epigallocatechin
	(-)-Epigallocatechin 3-gallate
	Erythrodiol
	Harmalol hydrochloride
	Isorhamnetin
	Kaempferol
	Quercetin
Hopea sp.	ε-Viniferin
Hordeum sp.	5,7-Dihydroxychromone
	Gramine
	Hordenine
	Procyanidin B3
Humulus sp.	Apigenin 7-glucoside
	trans-Caffeic acid
	Chlorogenic acid
	trans-p-Coumaric acid
	N-trans-p-Coumaroyltyramine
	(-)-Epicatechin
	trans-Ferulic acid
	Gallic acid
	Hulupinic acid
	Isoxanthohumol
	Kaempferol 3-glucoside
	Luteolin 7-glucoside
	Naringenin chalcone
	Neochlorogenic acid
	6-Prenylnaringenin
	8-Prenylnaringenin
	Protocatechuic acid
	Quercetin 3-glucoside
	Rutin
	Vanillic acid
	Vitexin
	Xanthohumol
Huperzia sp.	Huperzine A
	Huperzine B
Hyacinthus sp.	Chelidonic acid
	p-Hydroxybenzoic acid
	Salicylic acid
Hydnocarpus sp.	Betulinic acid
	Luteolin
	Ursolic acid
Hydrastis sp.	Berberine chloride dihydrate
	Hydrastine
Hydrophyllum sp.	trans-Caffeic acid
	Chlorogenic acid
	Coumarin
	Cyanidin 3,5-diglucoside chloride
	Delphinidin 3,5-diglucoside chloride
	Esculetin
	Kaempferol
	Myricetin
	Quercetin
	Quercitrin
	Scopolin
Hyoscyamus sp.	Apoatropine hydrochloride
	Aposcopolamine
	Atropine sulfate
	Hyoscyamine sulfate
	Norscopolamine
	Rutin
	Scopolamine hydrobromide
Hypericum sp.	Amentoflavone
	Apigenin 7-glucoside
	Avicularin
	I3,II8-Biapigenin
	(+)-Catechin
	Chlorogenic acid
	Hyperforin (stable Dicyclohexylammonium salt)

Botanical Name	Marker Compounds
H	Hypericin
	Hyperoside
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Mangiferin
	Myricetin
	Orientin
	Procyanidin A2
	Procyanidin B2
	Pseudohypericin
	Quercetin
	Quercetin 3-glucoside
	Quercetin 7-rhamnoside
	Quercitrin
	Rutin
Hypoxis sp.	trans-Caffeic acid
	Chelidonic acid
	trans-p-Coumaric acid
Hyssopus sp.	Hesperidin
	Rosmarinic acid
	Ursolic acid
	Vicenin II
I	Iberis sp.	Cucurbitacin E
	Cucurbitacin E-2-O-glucoside
	Cucurbitacin I
	Glucocheirolin potassium salt
	Glucoiberin potassium salt
	Kaempferol 3,4'-diglucoside 7-rhamnoside
Ilex sp.	α-Amyrin
	β-Amyrin
	trans-Caffeic acid
	Caffeine
	Campesterol
	Chikusetsusaponin IVa
	Chlorogenic acid
	Cryptochlorogenic acid
	5-Demethylnobiletin
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Erythrodiol
	Gardenin B
	Ilexsaponin A
	Isorhamnetin
	Kaempferol
	Kaempferol 3-sambubioside
	Luteolin
	Neochlorogenic acid
	Oleanolic acid
	Pedunculoside
	Quercetin
	Quercetin 3-glucoside
	Rotundic acid
	Rutin
	(-)-Syringaresinol 4,4'-di-O-β-D-glucoside
	α-Terpineol
	Theobromine
	Theophylline
	Trigonelline chloride
	Ursolic acid
	Ziyuglycoside I
	Ziyuglycoside II
Illicium sp.	trans-Anethole
	Anisatin
	trans-Caffeic acid
	Campesterol
	(+)-Catechin
	trans-p-Coumaric acid
	(-)-Epicatechin
	(-)-Epigallocatechin
	Estragole
	(-)-Fenchone
	(+)-Fenchone
	trans-Ferulic acid
	Hyperoside
	Kaempferol 3-glucoside
	Linalool
	Protocatechuic acid
	Quercetin 3-glucoside
	Quercitrin
	Rutin
	α-Terpineol
	Vanillic acid

	Botanical Name	Marker Compounds
I	Impatiens sp.	Hosenkoside A
		Hosenkoside B
		Hosenkoside C
		Hosenkoside K
	Indigofera sp.	Indigotin
	Indocalamus sp.	Syringylglycerol 8-O-4'-sinapyl ether 7-glucoside
	Inula sp.	Alantolactone
		Artemetin
		trans-Caffeic acid
		Chlorogenic acid
		Eucalyptol
		Friedelin
		Hispidulin
		Isoalantolactone
		Kaempferol
		Luteolin
		Naringenin
		Nepetin
		Nepetin 7-glucoside
		Penduletin
		Pinosylvin
		Quercetin
		Quercetin 3-glucoside
		Taraxasterol
		Taraxasterol acetate
		(+)-Taxifolin
	Ipomoea sp.	Cyanidin 3-sophoroside chloride
		Scopoletin
	Iris sp.	β-Amyrin
		Androsin
		Apocynin
		trans-Caffeic acid
		Cyanidin 3,5-diglucoside chloride
		trans-Ferulic acid
		Fumaric acid
		p-Hydroxybenzoic acid
		Iridin
		Irigenin
		Irisflorentin
		7-O-Methylmangiferin
		Protocatechuic acid
		Rhamnocitrin
		trans-Sinapic acid
		Swertisin
		Tectoridin
		Tectorigenin
		Vanillic acid
	Isatis sp.	Indigotin
		Indirubin
		Qingdainone
		Tryptanthrine
	Isodon sp.	Corosolic acid
		Oridonin
	Isolona sp.	(-)-Curine
	Ixeridium sp.	2',4'-Dihydroxydihydrochalcone
	Ixeris sp.	Luteolin 7-glucuronide
J	Jacaranda sp.	trans-Caffeic acid
		Delphinidin 3,5-diglucoside chloride
		Delphinidin 3-glucoside chloride
		trans-Ferulic acid
		Oleanolic acid
		Scutellarin
		Ursolic acid
		Verbascoside
	Jasminum sp.	Cycloolivil
		Epimedin A1
	Jateorhiza sp.	Jatrorrhizine chloride
		Palmatine chloride
		Thymol
	Jatropha sp.	Apigenin
		Campesterol
		Isovitexin
		Vitexin
	Joannisea sp.	Gallic acid
	Juglans sp.	Betulin
		trans-Cinnamic acid
		Hyperoside
		Juglone
		Myricitrin
		Plumbagin
		Quercetin 3-glucoside
		Quercitrin
		Sakuranetin
	Juniperus sp.	Amentoflavone

	Botanical Name	Marker Compounds
J		Anisatin
		Bilobetin
		(-)-α-Bisabolol
		(-)-Bornyl acetate
		D,L-Camphene
		DL-Camphor
		(+)-Δ-3-Carene
		Carvacrol
		β-Caryophyllene
		(+)-Catechin
		Coumarin
		(-)-Epicatechin
		(-)-Epigallocatechin
		Eucalyptol
		(-)-Gallocatechin
		α-Humulene
		Iridin
		Irigenin
		Kaempferol
		α-Pinene
		β-Pinene
		Podophyllotoxin
		Procyanidin B1
		Procyanidin B2
		Quercetin
		Quercetin 3-glucoside
		Rutin
		Sabinyl acetate
		α-Terpineol
		(-)-α-Thujone
		Umbelliferone
		Yatein
	Justicia sp.	Vanillic acid
		Vasicine hydrochloride
		Vasicinone
K	Kadsura sp.	trans-Caffeic acid
		Kaempferol
		Myricetin
	Kaempferia sp.	5,7-Dimethoxyflavone
		Kaempferol
		Tectochrysin
	Kalimeris sp.	Qingdainone
	Kalmia sp.	Eriodictyol
		Grayanotoxin I
		Hyperoside
		Phloridzin
	Karwinskia sp.	β-Amyrin
	Kirkia sp.	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	Knautia sp.	trans-Caffeic acid
		Chlorogenic acid
		Ursolic acid
	Kochia sp.	Momordin Ic
	Kopsia sp.	β-Amyrin
L	Laburnum sp.	Cytisine
		N-Methylcytisine
	Lactuca sp.	β-Amyrin
		Campesterol
		Quercetin 3-glucoside
	Lagerstroemia sp.	Corosolic acid
		3-Methyl ellagic acid
	Laggera sp.	Artemetin
	Lagochilus sp.	8-Acetylharpagide
	Laminaria sp.	Fucosterol
	Lamiophlomis sp.	8-Acetylshanzhiside methyl ester
		Sesamoside
	Lamium sp.	8-Acetylshanzhiside methyl ester
		Chlorogenic acid
		trans-p-Coumaric acid
		trans-Isoferulic acid
		Kaempferol 3-glucoside
		Quercetin 3-glucoside
		Rutin
		Shanzhiside methyl ester
		Stachydrine chloride
		Teupolioside
		Tiliroside
		Vanillic acid
		Verbascoside
	Lantana sp.	Cirsilineol
		Oleanonic acid
	Larix sp.	Avicularin
		Borneol
		(-)-Bornyl acetate
		Campesterol

L

Botanical Name	Marker Compounds
	D,L-Camphene
	(+)-Catechin
	trans-p-Coumaric acid
	Dihydrokaempferol
	Dihydromyricetin
	(-)-Epicatechin
	Guaiaverin
	Kaempferol
	Kaempferol 3-glucoside
	Larixyl acetate
	α-Pinene
	β-Pinene
	Quercetin
	(-)-Secoisolariciresinol
	Vanillic acid
Larrea sp.	Borneol
	Kaempferol
	Kaempferol 3-rutinoside
	Nordihydroguaiaretic acid
	α-Pinene
	Quercetin
	Quercetin 3-glucoside
	Rutin
Laurus sp.	Boldine
	D,L-Camphene
	Costunolide
	Dehydrocostus lactone
	Eucalyptol
	Kaempferol 3-glucoside
	α-Pinene
	Quercetin 3-glucoside
	Rutin
	Salicylic acid
	(-)-Secoisolariciresinol
	trans-Sinapic acid
	α-Terpineol
	Vanillic acid
Lavandula sp.	Acacetin
	Betulinic acid
	Borneol
	trans-Caffeic acid
	D,L-Camphene
	DL-Camphor
	Coumarin
	Eucalyptol
	Genkwanin
	trans-Isoferulic acid
	Lavandulol
	Lavandulyl acetate
	Linalool
	Linalyl acetate
	Lupeol
	Luteolin
	7-Methoxycoumarin
	Oleanolic acid
	β-Pinene
	Protocatechuic acid
	Rosmarinic acid
	trans-Sinapic acid
	α-Terpineol
	Umbelliferone
	Ursolic acid
	Vanillic acid
	Vitexin
Lemna sp.	Apigenin
	Apigenin 7-glucoside
	Homoorientin
	Isovitexin
	Orientin
	Saponarin
	Vitexin
Leonurus sp.	Ajugol
	Apigenin 7-glucoside
	Genkwanin
	Hyperoside
	Leonurine hydrochloride
	Quercetin 3-glucoside
	Quercitrin
	Rutin
	Stachydrine chloride
	Ursolic acid
	Verbascoside
Lepidium sp.	Glucobrassicanapin potassium salt
	Gluconasturtiin potassium salt

L

Botanical Name	Marker Compounds
	Glucotropaeolin potassium salt
	Rutin
	Sinalbin potassium salt
	Sinapine chloride
	Sinigrin potassium salt
Leucanthemum sp.	Apigenin
	Apigenin 7-glucoside
	Apigenin 7-glucuronide
	Esculetin
	Isorhamnetin
	Luteolin
	Scopoletin
Leucojum sp.	Isorhamnetin 3-rutinoside
Levisticum sp.	Bergapten
	Eugenol
	Imperatorin
	Z-Ligustilide
	Psoralen
	Umbelliferone
Licania sp.	Cucurbitacin B
Ligusticum sp.	Ligustrazine
Ligustrum sp.	Ligustroflavone
Lilium sp.	Isorhamnetin 3-rutinoside
	Prosapogenin A
	Tigogenin
Limnophila sp.	Nevadensin
Linaria sp.	Linarin
	Pectolinarigenin
	Pectolinarin
Lindera sp.	Boldine
	Campesterol
	(+)-Carvone
	Linderalactone
	Linderane
	Norisoboldine
Linum sp.	trans-Caffeic acid
	Chlorogenic acid
	trans-p-Coumaric acid
	Enterodiol
	Enterolactone
	trans-Ferulic acid
	Hinokinin
	Homoorientin
	Isovitexin
	Luteolin
	Orientin
	Pinoresinol diglucoside
	(-)-Secoisolariciresinol
	Secoisolariciresinol diglucoside
	trans-Sinapic acid
	Vitexin
	Yatein
Lippia sp.	β-Amyrin
	Apigenin
	Apigenin 7-glucoside
	Borneol
	D,L-Camphene
	DL-Camphor
	Carvacrol
	Diosmetin
	Eucalyptol
	Eupatorin
	Geniposidic acid
	Luteolin
	Luteolin 7-glucoside
	Naringenin
	Nepetin
	Pinocembrin
	Shanzhiside methyl ester
	α-Terpineol
	Thymol
Liquidambar sp.	Betulonic acid
	Borneol
	(-)-Bornyl acetate
	Ellagic acid
	Kaempferol 3-glucoside
	Myricetin
	Myricitrin
	Quercetin 3-glucoside
	Quercitrin
	Rutin
Liriodendron sp.	Borneol
	(-)-Bornyl acetate
	Costunolide

Botanical Name	Marker Compounds
L	(+)-Eudesmin
	Kaempferol 3-glucoside
	(+)-Pinoresinol
	Quercetin 3-glucoside
	Rutin
Liriope sp.	N-trans-p-Coumaroyltyramine
	Liriope muscari Saponin C
Litchi sp.	Procyanidin A1
Lithocarpus sp.	Trilobatin
Lithospermum sp.	Allantoin
	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	Ellagic acid
	Fumaric acid
	Intermedine
	Intermedine N-oxide
	Lithospermic acid
	Rosmarinic acid
	Rutin
	Salvianolic acid A
	Salvianolic acid B
	Shikonin
Litsea sp.	β-Amyrin
	Boldine
	N-trans-p-Coumaroyltyramine
	Norisoboldine
Lobelia sp.	Chelidonic acid
	Fraxinol
Lomatogonium sp.	Swertisin
Lonicera sp.	Asperosaponin VI
	Cycloolivil
	Dipsacoside B
	Epimedin A1
	p-Hydroxybenzoic acid
	Lonicerin
	Macranthoidin A
	Macranthoidin B
	Secoxyloganin
Lopatherum sp.	Swertisin
Lophira sp.	Griffonin
Lopophora sp.	Hordenine
Loranthus sp.	(+)-Catechin
Lotus sp.	Kaempferitrin
Luffa sp.	Cucurbitacin B
	Cucurbitacin D
	Hederagenin
	Maslinic acid
	Oleanolic acid
Lupinus sp.	Campesterol
	Cytisine
	Fucosterol
	Genistein
	Gramine
	N-Methylcytisine
Lycium sp.	Campesterol
	α-Cyperone
	Diosgenin
	N-trans-Feruloyltyramine
	p-Hydroxybenzoic acid
	Kaempferol
	Kaempferol 3-rutinoside
	Kukoamine A
	Kukoamine B
	Quercetin
	Quercetin 3-glucoside
	Rutin
	Scopoletin
	3',5,7-Trihydroxy 4',5',6-trimethoxyflavone
	Vanillic acid
	Withanolide A
	Withanolide B
Lycopersicon sp.	Tomatine
Lycopodium sp.	Apigenin 7-glucoside
	trans-Caffeic acid
	Campesterol
	Chlorogenic acid
	trans-p-Coumaric acid
	trans-Ferulic acid
	Huperzine A
	Huperzine B
	Luteolin
	α-Onocerin
	Tricin

Botanical Name	Marker Compounds
L	Vanillic acid
Lycopus sp.	Apigenin
	Apigenin 7-glucoside
	(-)-Bornyl acetate
	trans-Caffeic acid
	D,L-Camphene
	Chlorogenic acid
	trans-m-Coumaric acid
	trans-p-Coumaric acid
	Ellagic acid
	Eriodictyol
	trans-Ferulic acid
	Genkwanin
	trans-Isoferulic acid
	Lithospermic acid
	Luteolin 7-glucoside
	Luteolin 7-glucuronide
	Quercetin 3-glucoside
	Quercitrin
	Rosmarinic acid
	Rutin
	Salvianolic acid A
	Salvianolic acid B
	trans-Sinapic acid
	Ursolic acid
	Vanillic acid
	Vitexin
Lycoris sp.	Isorhamnetin 3-rutinoside
Lycorma sp.	Ajmalicine
Lysimachia sp.	Hyperoside
	Myricetin
	Rutin
Lysionotus sp.	Nevadensin
Lythrum sp.	Homoorientin
	Isovitexin
	Orientin
	Vitexin
Lytta sp.	Cantharidin
M Maackia sp.	(-)-Maackiain
	N-Methylcytisine
Macleaya sp.	α-Allocryptopine
Magnolia sp.	(-)-Bornyl acetate
	D,L-Camphene
	DL-Camphor
	Costunolide
	Denudatine
	Eucalyptol
	(+)-Eudesmin
	Fargesin
	Honokiol
	Magnoflorine chloride
	Magnolin
	Magnolol
	Parthenolide
	α-Pinene
	β-Pinene
	Sesamin
	α-Terpineol
Mahonia sp.	Berbamine dihydrochloride
	Berberine chloride dihydrate
	Chlorogenic acid
	Dihydroberberine
	Dihydromyricetin
	(+)-Isocorydine hydrochloride
	Jatrorrhizine chloride
	Magnoflorine chloride
	Palmatine chloride
Mallotus sp.	β-Amyrin
	Bergenin
	Byakangelicin
	Campesterol
	Corilagin
	Friedelin
	Geraniin
	Lupeol
	Rutin
	Ursolic acid
Malus sp.	trans-Caffeic acid
	(+)-Catechin
	Cinnamtannin A2
	trans-p-Coumaric acid
	(-)-Epicatechin
	(-)-Gallocatechin
	Hyperoside

Botanical Name	Marker Compounds
	Phloretin
	Phloridzin
	Procyanidin B1
	Procyanidin B2
	Procyanidin C1
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Rutin
	Trilobatin
Malva sp.	Delphinidin 3-glucoside chloride
	Malvidin 3,5-diglucoside chloride
	Malvidin 3-glucoside chloride
	Rosmarinic acid
Mandragora sp.	Apoatropine hydrochloride
	Scopolamine hydrobromide
Mangifera sp.	β-Glucogallin
	Iriflophenone 3-C-glucoside
	Isomangiferin
	Mangiferin
	Methyl gallate
	Neomangiferin
	3β-Taraxerol
Manihot sp.	Amentoflavone
	Chlorogenic acid
	trans-Ferulic acid
	Luteolin 7-glucoside
	trans-Sinapic acid
Maprounea sp.	Cucurbitacin A
Marchantia sp.	Apigenin
	Campesterol
	Luteolin
	Luteolin 3',7-di-O-glucuronide
Marrubium sp.	Apigenin
	Apigenin 7-glucoside
	D,L-Camphene
	Cryptochlorogenic acid
	Forsythoside B
	Marrubiin
	Stachydrine chloride
Marsdenia sp.	Condurango glycoside A
	Condurango glycoside E2
	5,7-Dihydroxychromone
	Neochlorogenic acid
	Quercitrin
	Saponarin
	Umbelliferone
Maytenus sp.	β-Amyrin
	Betulin
	trans-Caffeic acid
	Celastrol
	Chlorogenic acid
	(-)-Epigallocatechin
	trans-Ferulic acid
	Oleanolic acid
	Pristimerin
	Vanillic acid
Medicago sp.	p-Hydroxybenzoic acid
	Luteolin 7-diglucuronide
	Medicagenic acid
	Soyasaponin Bb
	Tricin
Melaleuca sp.	Betulinic acid
	Castalin
	p-Cymene
	Eucalyptol
	Kaempferol
	Myricetin
	trans-Oxyresveratrol
	trans-Piceatannol
	α-Pinene
	Quercetin
	Quercetin 3-glucuronide
	Sabinene
	α-Terpineol
	Ursolic acid
Melicope sp.	Skimmianine
Melilotus sp.	Borneol
	(-)-Bornyl acetate
	trans-o-Coumaric acid
	Coumarin
	p-Hydroxybenzoic acid
	7-Methoxycoumarin
	Protocatechuic acid

Botanical Name	Marker Compounds
	Salicylic acid
	Scopoletin
	trans-Sinapic acid
	Soyasapogenol B
	α-Terpineol
	(-)-α-Thujone
	Umbelliferone
	Vanillic acid
Melissa sp.	Apigenin 7-glucoside
	Betulinic acid
	trans-Caffeic acid
	Chlorogenic acid
	Citral
	trans-p-Coumaric acid
	trans-Ferulic acid
	Luteolin 3'-glucuronide
	Luteolin 7-glucoside
	Oleanolic acid
	Protocatechuic acid
	Quercetin 3-glucoside
	Rhamnocitrin
	Rosmarinic acid
	Salicylic acid
	trans-Sinapic acid
	Ursolic acid
	Vanillic acid
Melonis sp.	Cucurbitacin B
Menispermum sp.	Dauricine
Mentha sp.	Apigenin
	Apigenin 7-glucoside
	Apigenin 7-glucuronide
	trans-Caffeic acid
	D,L-Camphene
	(-)-Carvone
	(+)-Carvone
	trans-p-Coumaric acid
	5-Demethylnobiletin
	Diosmetin
	Diosmin
	Eriocitrin
	Eriodictyol
	Eucalyptol
	trans-Ferulic acid
	Gardenin B
	Hesperidin
	(+)-Isomenthol
	Isomenthone
	Luteolin
	Luteolin 7-glucoside
	(+)-Menthofuran
	(-)-Menthol
	(-)-Menthone
	Nevadensin
	Piperitone
	R-(+)-Pulegone
	Quercitrin
	Rosmarinic acid
	α-Terpineol
	Ursolic acid
Mentzelia sp.	Chlorogenic acid
	trans-Ferulic acid
	Hyperoside
	Loganin
	Rutin
	Scopoletin
	Scopolin
	Secoxyloganin
	Sweroside
Menyanthes sp.	Betulin
	Betulinic acid
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Hyperoside
	Isorhamnetin
	Kaempferol
	Kaempferol 3-glucoside
	Loganin
	Neochlorogenic acid
	Quercetin
	Quercetin 3-glucoside
	Rutin
	Scoparone
	Sweroside

	Botanical Name	Marker Compounds
M	Mercurialis sp.	Isorhamnetin 3-rutinoside
	Messerschmidia sp.	Indicine hydrochloride
		Indicine N-oxide
		Lycopsamine
		Lycopsamine N-oxide
	Meum sp.	Isorhamnetin
		Kaempferol
		Z-Ligustilide
		Luteolin
		Quercetin 3-glucoside
		Rutin
	Miconia sp.	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	Mikania sp.	Kaurenoic acid
	Miliusa sp.	Pachypodol
	Milletia sp.	Karanjin
	Mimosa sp.	2',6'-Dihydroxy 4',4-dimethoxychalcone
	Mimusops sp.	β-Amyrin
	Mitragyna sp.	Ajmalicine
		Corynoxine B
	Momordica sp.	Vicine
	Monarda sp.	Didymin
		Genkwanin
		Isosakuranetin
		Linarin
		Narirutin
	Monascus sp.	Monacolin K
	Monodoro sp.	Norisoboldine
	Montanao sp.	Kaurenoic acid
	Morierina sp.	Cucurbitacin B
	Morinda sp.	Alizarin
		Asperuloside
		Asperulosidic acid
		Deacetylasperulosidic acid
		Deacetylasperulosidic acid methyl ester
		Lucidin
		Lucidin 3-primeveroside
		Monotropein
		Morindin
		Rubiadin
		Rutin
		Scopoletin
		Ursolic acid
	Moringa sp.	Glucotropaeolin potassium salt
		Kaempferol
		Rutin
		Sinalbin potassium salt
	Morus sp.	Betulinic acid
		Dihydrokaempferol
		β-Ecdysone
		Fumaric acid
		Isobavachalcone
		Morin
		Morusin
		Mulberroside A
		trans-Oxyresveratrol
		Quercetin 3-glucoside
		Rhamnocitrin
		Rutin
	Moschus sp.	Muscone
	Muntingia sp.	2',4'-Dihydroxydihydrochalcone
	Murraya sp.	Byakangelicin
		Byakangelicol
		5-Demethylnobiletin
		Koenigicine
		Koenimbine
		Mahanimbine
	Musa sp.	Campesterol
		trans-Cinnamic acid
		trans-p-Coumaric acid
		trans-Ferulic acid
		5-Hydroxy L-tryptophan
		Protocatechuic acid
	Mussaenda sp.	8-Acetylshanzhiside methyl ester
	Mylabris sp.	Cantharidin
	Myristica sp.	Borneol
		Campesterol
		Dehydrodiisoeugenol
		Kaempferol
		Macelignan
		Myristicine
		α-Pinene
		Sabinene
		α-Terpineol
	Myroxylon sp.	Benzyl cinnamate

	Botanical Name	Marker Compounds
M		Formononetin
		Isoliquiritigenin
		Methyl trans-cinnamate
	Myrrhis sp.	trans-Anethole
		Fumaric acid
		Luteolin 7-glucoside
	Myrtillocactus sp.	Oleanolic acid
	Myrtus sp.	D,L-Camphene
		Ellagic acid
		Eucalyptol
		Gallic acid
		Myricetin
		Myricitrin
		α-Pinene
		α-Terpineol
N	Narcissus sp.	Isorhamnetin 3-rutinoside
		Narciclasine
	Nardostachys sp.	Nardosinone
		Oleanolic acid
		Ursolic acid
	Nasturtium sp.	Gluconasturtiin potassium salt
		Glucotropaeolin potassium salt
		Sinalbin potassium salt
		trans-Sinapic acid
		Sinapine chloride
	Nectandra sp.	Boldine
	Nelumbo sp.	Higenamine hydrochloride
		Nuciferine
	Nepeta sp.	Apigenin 7-glucuronide
		trans-Caffeic acid
		Caftaric acid
		DL-Camphor
		Eucalyptol
		α-Humulene
		Rosmarinic acid
		Ursolic acid
	Nerium sp.	Betulin
		Betulinic acid
		Oleandrin
		Oleanolic acid
		Rutin
		Ursolic acid
	Nervilia sp.	Rhamnocitrin
	Nicotiana sp.	Nicotine ditartrate
	Notopterygium sp.	Isobergapten
		(+)-Marmesin
		Notopterol
		Xanthotoxol
	Nyctanthes sp.	β-Amyrin
O	Ochrosia sp.	Reserpine
	Ocimum sp.	Apigenin
		Cirsilineol
		Eucalyptol
		Gardenin B
		Nevadensin
		Orientin
		Ursolic acid
	Oenanthe sp.	Arctigenin
		D,L-Camphene
		(-)-Matairesinol
		(-)-Secoisolariciresinol
	Oenothera sp.	trans-Caffeic acid
		trans-p-Coumaric acid
		Gallic acid
		Kaempferol 3-glucoside
		Neochlorogenic acid
		Quercetin 3-glucoside
		Rutin
	Oldenlandia sp.	Alizarin
		Ruberythric acid
	Olea sp.	α-Amyrin
		β-Amyrin
		Apigenin
		Apigenin 7-glucoside
		Betulinic acid
		trans-Caffeic acid
		Campesterol
		trans-Cinnamic acid
		trans-p-Coumaric acid
		Cycloolivil
		Epimedin A1
		Erythrodiol
		Esculetin
		Esculin

Botanical Name	Marker Compounds
	trans-Ferulic acid
	Hydroxytyrosol
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Maslinic acid
	Oleacein
	Oleanolic acid
	Oleocanthal
	Oleoside 11-methyl ester
	Oleuropein
	(-)-Olivil
	Protocatechuic acid
	Quercetin
	Quercitrin
	Rutin
	Scoparone
	Scopoletin
	Tyrosol
	Vanillic acid
	Verbascoside
Ononis sp.	Apigenin
	Apigenin 7-glucoside
	Biochanin A
	trans-Caffeic acid
	Campesterol
	trans-Cinnamic acid
	trans-p-Coumaric acid
	2',6'-Dihydroxy 4',4-dimethoxydihydrochalcone
	trans-Ferulic acid
	Formononetin
	Gallic acid
	Genistein
	Hyperoside
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Myricitrin
	α-Onocerin
	Penduletin
	Protocatechuic acid
	Quercetin
	Quercitrin
	Resorcinol
	Rutin
	trans-Sinapic acid
	Trifolirhizin
	Vanillin
	Vitexin
Ophiopogon sp.	Methylophiopogonanone A
	Methylophiopogonanone B
	Methylophiopogonone A
	Ophiopogonin D
	Prosapogenin A
Ophiorrhiza sp.	Lucidin 3-primeveroside
	Ruberythric acid
Oplopanax sp.	Anemosapogenin
Orchis sp.	trans-Caffeic acid
	Chlorogenic acid
	trans-p-Coumaric acid
	Coumarin
	Cyanidin 3,5-diglucoside chloride
	Cyanidin 3-glucoside chloride
	Kaempferol
	Kaempferol 3-glucoside
	Quercetin 3-glucoside
	Quercetin 7-rhamnoside
	Rutin
Origanum sp.	β-Amyrin
	Apigenin
	Apigenin 7-glucuronide
	Arbutin
	Betulin
	Betulinic acid
	Borneol
	(-)-Bornyl acetate
	D,L-Camphene
	Carvacrol
	Carvacrol methyl ether
	Cirsilineol
	Dihydrokaempferol
	Diosmetin
	Gardenin B
	Luteolin 7-diglucuronide

Botanical Name	Marker Compounds
	Naringin
	Orientin
	Protocatechuic acid
	Rosmarinic acid
	Salicylic acid
	trans-Sinapic acid
	α-Terpineol
	Thymol
	Ursolic acid
	Vanillic acid
	Vicenin II
	Vitexin
Ornithogalum sp.	Convallatoxin
Oroxylum sp.	Baicalein 7-diglucoside
	Baicalein 7-glucoside
	Oroxylin A
	Oroxylin A 7-glucuronide
	Scutellarein
	Tectochrysin
Orthodon sp.	Asarylaldehyde
Orthosiphon sp.	Eupatorin
	Hederagenin
	α-Humulene
	Rosmarinic acid
	Sinensetin
Ovidia sp.	Daphnetin
Oxalis sp.	Penduletin
Oxytropis sp.	2',4'-Dihydroxydihydrochalcone
	Rhamnocitrin
Pachycarpus sp.	Uzarin
Pachypodanthium sp.	Asarylaldehyde
Paeonia sp.	Albiflorin
	Anemosapogenin
	Apigenin 7-glucoside
	Cyanidin 3,5-diglucoside chloride
	β-Glucogallin
	Kaempferol
	Kaempferol 3-glucoside
	Oxypaeoniflorin
	Paeoniflorin
	Paeonol
	α-Peltatin
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Peonidin 3,5-diglucoside chloride
	Quercetin
	ε-Viniferin
Panax sp.	Araloside A
	Chikusetsusaponin IVa
	Ginsenoside C-K
	Ginsenoside Rb1
	Ginsenoside Rb2
	Ginsenoside Rb3
	Ginsenoside Rc
	Ginsenoside Rd
	Ginsenoside Re
	Ginsenoside Rf
	Ginsenoside Rg1
	Ginsenoside Rg2
	Ginsenoside Rg3
	Ginsenoside Rg5
	Ginsenoside Rh1
	Ginsenoside Rh2
	Ginsenoside Ro
	Gypenoside XVII
	Notoginsenoside Fa
	Notoginsenoside R1
	Notoginsenoside R2
	Panaxadiol
	Panaxatriol
	Protopanaxadiol
	Protopanaxatriol
	Pseudoginsenoside F11
	Pseudoginsenoside RT5
	Vanillic acid
Panicum sp.	Miliacin
Papaver sp.	α-Allocryptopine
	Coptisin chloride
	Cyanidin 3-sophoroside chloride
	Fumaric acid
	(+)-Isocorydine hydrochloride
	Papaverine hydrochloride
	Protopine
	Quercetin 3-gentiobioside
	Quercetin 3-glucoside

P

Botanical Name	Marker Compounds
	Vanillic acid
Paris sp.	Dioscin
	Diosgenin
	β-Ecdysone
	Formosanin C
	Gracillin
	Paris VII
	Prosapogenin A
	Trillin
Parmelia sp.	Atranorin
	Protocetraric acid
Parquetina sp.	Convallatoxin
Passiflora sp.	Apigenin
	Chrysin
	Homoorientin
	Hyperoside
	Isoschaftoside
	Isovitexin
	Oleanolic acid
	Orientin
	Schaftoside
	Scopoletin
	Swertisin
	α-Terpineol
	Umbelliferone
	Vicenin II
	Vitexin
Pastinaca sp.	Angelicin
	Bergapten
	Imperatorin
	Isobergapten
	Isopimpinellin
	Osthole
	Psoralen
	Trioxsalen
	Umbelliferone
	Xanthotoxin
Paullinia sp.	Caffeine
	(-)-Epicatechin
	Theobromine
	Theophylline
Paulownia sp.	Verbascoside
Pausinystalia sp.	Ajmalicine
	Yohimbine hydrochloride
Peganum sp.	Harmaline
	Harmalol hydrochloride
	Harmine
	Linarin
Pelargonium sp.	Fraxinol
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Umckalin
Perilla sp.	Apigenin
	trans-Caffeic acid
	Cyanidin 3-glucoside chloride
	Luteolin
	Luteolin 7-diglucuronide
	Rosmarinic acid
Periploca sp.	Maslinic acid
	Periplocin
Persea sp.	Campesterol
	(+)-Catechin
Persicaria sp.	Anisatin
	Avicularin
	Borneol
	(-)-Bornyl acetate
	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	trans-p-Coumaric acid
	(-)-Epicatechin
	Gallic acid
	Hyperoside
	Isorhamnetin
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Vitexin
Petasites sp.	Quercetin 3-glucoside
	Senecionine
	Senecionine N-oxide

P

Botanical Name	Marker Compounds
	Seneciphylline
	Seneciphylline N-oxide
	Senkirkin
Petroselinum sp.	Apigenin 7-glucoside
	Apiin
	Bergapten
	Imperatorin
	Isopimpinellin
	Z-Ligustilide
	Oxypeucedanin
	Psoralen
	Xanthotoxin
Petunia sp.	Delphinidin 3-rutinoside chloride
Peucedanum sp.	Byakangelicin
	Byakangelicol
	Isobergapten
	(+)-Marmesin
	Nodakenin
	Oxypeucedanin hydrate
	(+)-Peucedanol
	(+/-)-Praeruptorin A
	(+/-)-Praeruptorin B
	(+/-)-Praeruptorin C
	Pteryxin
Peumus sp.	Boldine
Phaseolus sp.	Cyanidin 3,5-diglucoside chloride
	Cyanidin 3-glucoside chloride
	Delphinidin 3,5-diglucoside chloride
	Delphinidin 3-glucoside chloride
	Malvidin 3-glucoside chloride
	Petunidin 3-glucoside chloride
	Quercetin 3-glucuronide
	Trigonelline chloride
	Vitexin
Phellodendron sp.	N-trans-p-Coumaroyltyramine
	Phellodendrine chloride
	(-)-Syringaresinol 4,4'-di-O-β-D-glucoside
Phlomis sp.	8-Acetylshanzhiside methyl ester
	Forsythoside B
	Sesamoside
	Shanzhiside methyl ester
Phoebe sp.	Boldine
Phragmites sp.	β-Amyrin
Phyllanthus sp.	β-Amyrin
	Betulin
	Betulinic acid
	Brevifolincarboxylic acid
	Chebulagic acid
	Chebulinic acid
	trans-Cinnamic acid
	Corilagin
	trans-p-Coumaric acid
	Ellagic acid
	(-)-Englerin A
	(-)-Englerin B
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	(-)-Epigallocatechin
	(-)-Epigallocatechin 3-gallate
	Eriodictyol
	Ethyl gallate
	Friedelin
	Gallic acid
	(-)-Gallocatechin
	Geraniin
	β-Glucogallin
	p-Hydroxybenzoic acid
	Hypophyllanthin
	Kaempferide
	Kaempferol
	Kaempferol 3-glucoside
	Lupeol
	Niranthin
	Phyllanthin
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Rhamnocitrin
	Rutin
	Salicylic acid
Phytolacca sp.	α-Amyrin
	β-Amyrin
	Bayogenin

Botanical Name	Marker Compounds
	Chikusetsusaponin IVa
	Esculentoside A
	Hederagenin
	Kaempferol 3-glucoside
	Phytolaccagenin
	Quercetin 3-glucoside
Picea sp.	Androsin
	Astringin
	(-)-Bornyl acetate
	D,L-Camphene
	DL-Camphor
	(+)-Δ-3-Carene
	(+)-Catechin
	Cyanidin 3-glucoside chloride
	Delphinidin 3-glucoside chloride
	4'-Hydroxyacetophenone
	Isorhapontigenin
	Kaempferol
	(-)-Matairesinol
	Myricetin
	trans-Piceatannol
	α-Pinene
	β-Pinene
	(+)-Pinoresinol
	trans-Polydatin
	trans-Resveratrol
	Rhapontigenin
	(-)-Secoisolariciresinol
	(+)-Taxifolin
Picrasma sp.	Arbutin
	Eleutheroside B
	Neoquassin
	Quassin
	Scopoletin
Picria sp.	Picfeltarraenin IA
	Picfeltarraenin IB
Picrorhiza sp.	Androsin
	Catalpol
	4'-Hydroxyacetophenone
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Picroside I
	Picroside II
	Vanillic acid
Pieris sp.	β-Amyrin
Pilocarpus sp.	Pilocarpine hydrochloride
Pimpinella sp.	trans-Anethole
	Angelicin
	Apigenin
	Apigenin 7-glucoside
	Bergapten
	trans-Caffeic acid
	Chlorogenic acid
	Fumaric acid
	Germacrone
	Homoorientin
	Isobergapten
	Isopimpinellin
	Isovitexin
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Neochlorogenic acid
	Oxypeucedanin
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-glucuronide
	Rutin
	Scopoletin
	α-Terpineol
	Umbelliferone
	Vanillic acid
	Vanillic acid 4-β-D-glucoside
	Xanthotoxin
Pinellia sp.	Caffeoyl alcohol
	p-Coumaroyl alcohol
	(+)-Pinoresinol
	Protocatechuic acid
	Vanillic acid
Pinguicula sp.	Apigenin
	Catalpol
	Luteolin
Pinus sp.	Borneol
	(-)-Bornyl acetate

Botanical Name	Marker Compounds
	D,L-Camphene
	(+)-Δ-3-Carene
	β-Caryophyllene
	(-)-Caryophyllene oxide
	(+)-Catechin
	Chrysin
	p-Cymene
	Dihydrokaempferol
	Dihydromyricetin
	Kaempferol
	Linalool
	(+)-Longifolene
	Myricetin
	trans-Piceatannol
	α-Pinene
	β-Pinene
	Pinocembrin
	(+)-Pinoresinol
	Pinosylvin
	Pinosylvin monomethyl ether
	Quercetin
	Quercetin 3-glucoside
	(+)-Taxifolin
	Tectochrysin
	α-Terpineol
Piper sp.	Alpinetin
	α-Asarone
	β-Asarone
	trans-Caffeic acid
	D,L-Camphene
	trans-Cinnamic acid
	N-trans-p-Coumaroyltyramine
	Cubebin
	Desmethoxyyangonin
	Dihydrokavain
	Dihydromethysticin
	2',6'-Dihydroxy 4'-methoxychalcone
	2',6'-Dihydroxy 4'-methoxydihydrochalcone
	5,7-Dimethoxyflavone
	Eucalyptol
	trans-Ferulic acid
	N-trans-Feruloyltyramine
	Flavokawain A
	Flavokawain B
	Flavokawain C
	Hinokinin
	Isobavachalcone
	D,L-Kavain
	Methysticin
	Naringenin 4',7-dimethylether
	Piperine
	Pipermethystine
	Protocatechuic acid
	Salicylic acid
	Sesamin
	trans-Sinapic acid
	α-Terpineol
	Vanillic acid
	Yangonin
	Yatein
Piptadenia sp.	(+)-Catechin 5-gallate
Pirola sp.	Monotropein
Pistacia sp.	β-Amyrin
	Borneol
	D,L-Camphene
	Erythrodiol
	Eugenol
	Gallic acid
	Kaempferol
	Lupeol
	Myricetin
	Oleanonic acid
	1,2,3,4,6-Pentagalloyl β-D-glucose
	α-Pinene
	β-Pinene
	Quercetin
	α-Terpineol
Pisum sp.	β-Amyrin
Plantago sp.	Apigenin 7-glucoside
	Asperuloside
	Aucubine
	Baicalein
	Baicalin
	trans-Caffeic acid

P

Botanical Name	Marker Compounds
	Calceolarioside B
	Catalpol
	Chlorogenic acid
	Hispidulin
	Hispidulin 7-glucoside
	Luteolin 3',7-di-O-glucuronide
	Luteolin 7-glucuronide
	Melittoside
	Neochlorogenic acid
	Nepetin 7-glucoside
	Plantamajoside
	Poliumoside
	Scutellarein
	Verbascoside
Platanus sp.	Allantoin
	Apigenin
	Betulin
	Betulinic acid
	Betulonic acid
	trans-Caffeic acid
	trans-p-Coumaric acid
	Hyperoside
	Isorhamnetin
	Kaempferol
	Kaempferol 3-glucoside
	Myricetin
	Quercetin
	Quercetin 3-glucoside
	Rutin
	Tiliroside
Platycarya sp.	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	2"-Galloylhyperin
Platycodon sp.	Betulin
	Platycodin D
Pluchea sp.	3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone
Plumeria sp.	β-Amyrin
Podocarpus sp.	(-)-Catechin
	Isoginkgetin
Podophyllum sp.	Podophyllotoxin
Pogostemon sp.	Pachypodol
	Patchouli alcohol
	Pogostone
Polygala sp.	Calycosin 7-glucoside
	3',6-Disinapoylsucrose
	Lancerin
	7-O-Methylmangiferin
	Oleanolic acid
	Polygalasaponin F
	Polygalaxanthone III
	Polygalic acid
	Rutin
	Senegenin
	Sibiricose A5
	Sibiricose A6
	trans-Sinapic acid
	Tenuifolin
Polygonatum sp.	N-trans-p-Coumaroyltyramine
	Diosgenin
	Yamogenin
Polygonum sp.	Aloe emodin
	Astringin
	Avicularin
	trans-Caffeic acid
	Chlorogenic acid
	Chrysophanol
	trans-p-Coumaric acid
	N-trans-p-Coumaroyltyramine
	5,7-Dihydroxychromone
	Emodin
	Emodin 8-glucoside
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	N-trans-Feruloyltyramine
	Gallic acid
	β-Glucogallin
	Hyperoside
	Indirubin
	Isovitexin
	Luteolin
	Physcion
	trans-Polydatin
	Quercitrin
	trans-Resveratrol
	Rhein

P

Botanical Name	Marker Compounds
	Scopoletin
	2,3,4',5-Tetrahydroxystilbene 2-glucoside
	Tryptanthrine
	Umbelliferone
	Vitexin
Polypodium sp.	Fucosterol
	p-Hydroxybenzoic acid
Populus sp.	β-Amyrin
	2',6'-Dihydroxy 4',4-dimethoxychalcone
	Genkwanin
	Pinocembrin
	Rhamnocitrin
	Tectochrysin
Poria sp.	9-Dehydropachymic acid
	Dehydrotumulosic acid
	Pachymic acid
Potentilla sp.	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	trans-p-Coumaric acid
	Coumarin
	Cyanidin 3-glucoside chloride
	Cyanidin 3-rutinoside chloride
	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	Ellagic acid
	(-)-Epigallocatechin
	Esculetin
	trans-Ferulic acid
	Gallic acid
	(-)-Gallocatechin
	trans-Isoferulic acid
	Isorhamnetin 3-rutinoside
	Kaempferol
	Myricetin
	Protocatechuic acid
	Quercetin
	Quercetin 3-glucuronide
	Quercitrin
	Scopoletin
	trans-Sinapic acid
	Umbelliferone
	Ursolic acid
	Vanillic acid
Primula sp.	Apigenin
	trans-Caffeic acid
	(+)-Catechin
	Cyanidin 3,5-diglucoside chloride
	(-)-Epicatechin
	(-)-Epigallocatechin
	Herbacetin
	Isorhamnetin
	Kaempferol
	Kaempferol 3-glucoside
	Limocitrin
	Malvidin 3,5-diglucoside chloride
	Malvidin 3-glucoside chloride
	Myricetin
	Paeonol
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Primeverin
	Primin
	Primulaverin
	Primulic acid I
	Primulic acid II
	Quercetin
	Quercetin 3-gentiobioside
	Quercetin 3-glucoside
	Rutin
	3',4',5'-Trimethoxyflavone
Prunus sp.	Amygdalin
	Benzaldehyde
	Cinnamtannin A2
	Cyanidin 3-rutinoside chloride
	Genkwanin
	Herbacetin
	p-Hydroxybenzoic acid
	Procyanidin A2
	Procyanidin B3
	Tectochrysin
Pseudolarix sp.	Pseudolaric acid A
	Pseudolaric acid A-glucopyranoside
	Pseudolaric acid B
	Pseudolaric acid B-glucopyranoside
	Pseudolaric acid C

	Botanical Name	Marker Compounds
P	Pseudozuga sp.	(+)-Taxifolin
	Psidium sp.	Corosolic acid
		β-Glucogallin
		Guaiaverin
	Psoralea sp.	Bakuchicin
		Bavachalcone
		Bavachin
		Bavachinin
		Corylifol A
		Corylin
		Isobavachalcone
		Neobavaisoflavone
		Psoralen
		Psoralidin
		Trioxsalen
	Ptelea sp.	Aurapten
		Dictamnine
		Phellopterin
	Pteridium sp.	Pterosin B
	Pterocarpus sp.	β-Amyrin
		Betulin
		(+)-Catechin
		trans-p-Coumaric acid
		Coumarin
		(-)-Epicatechin
		Erythrodiol
		trans-Ferulic acid
		Formononetin
		Isoliquiritigenin
		Liquiritigenin
		Lupeol
		Naringenin
		trans-Pterostilbene
		Quercetin 3,3',4',7-tetramethylether
		Rutin
		Vanillic acid
	Ptychopetalum sp.	D,L-Camphene
	Pueraria sp.	Daidzein
		Daidzin
		3'-Hydroxypuerarin
		3'-Methoxypuerarin
		Mirificin
		Puerarin
		Puerarin 6"-xyloside
		Robinin
		Tectoridin
		Tectorigenin
	Pulmonaria sp.	Allantoin
		Rosmarinic acid
	Pulsatilla sp.	Anemonin
		Anemosapogenin
		Chelidonic acid
		Hederacoside D
		Hederagenin
		Kaempferol
	Punica sp.	Asiatic acid
		Asiaticoside
		Betulinic acid
		Brevifolincarboxylic acid
		Chlorogenic acid
		Corilagin
		trans-p-Coumaric acid
		Cyanidin 3,5-diglucoside chloride
		Cyanidin 3-glucoside chloride
		Delphinidin 3,5-diglucoside chloride
		Delphinidin 3-glucoside chloride
		Ellagic acid
		Gallic acid
		Maslinic acid
		Neochlorogenic acid
		Pelargonidin 3,5-diglucoside chloride
		Pelargonidin 3-glucoside chloride
		1,2,3,4,6-Pentagalloyl β-D-glucose
		Protocatechuic acid
		Punicalagin (A + B mixture)
		Punicalin (A + B mixture)
		Quercetin 3-glucoside
		Ursolic acid
	Putranjiva sp.	Amentoflavone
		β-Amyrin
		Ethyl gallate
		Friedelin
		Gallic acid
		Oleanolic acid

	Botanical Name	Marker Compounds
P	Pycnarrhena sp.	Berbamine dihydrochloride
	Pyrethrum sp.	Pinoresinol 4-glucoside
	Pyrola sp.	2"-Galloylhyperin
Q	Quassia sp.	Neoquassin
		Quassin
	Quercus sp.	β-Amyrin
		Betulin
		Campesterol
		Castalagin
		Castalin
		(+)-Catechin
		(-)-Epicatechin
		Friedelin
		Gallic acid
		(-)-Gallocatechin
		Hyperoside
		Kaempferol 3-rutinoside
		Lupeol
		1,2,3,4,6-Pentagalloyl β-D-glucose
		Quercetin
		Quercetin 3-glucoside
		Quercitrin
		Tiliroside
		Vescalagin
	Quillaja sp.	Ellagic acid
		Gallic acid
R	Rabdosia sp.	Oridonin
		Penduletin
		Ponicidin
	Ranunculus sp.	Quercetin 3-rutinoside 7-glucoside
		Quercetin 3-sophoroside
	Raphanus sp.	Gluconasturtiin potassium salt
		Glucoraphanin potassium salt
		Glucoraphasatin potassium salt
		Glucoraphenin potassium salt
		Sinalbin potassium salt
		Sinapine chloride
		Sinigrin potassium salt
	Rauvolfia sp.	Ajmalicine
		Rescinnamine
		Reserpine
		Serpentine hydrogen tartrate
		Yohimbine hydrochloride
	Rehmannia sp.	6-Acetylacteoside
		Ajugol
		Aucubine
		Campesterol
		Catalpol
		Echinacoside
		Forsythoside A
		Geniposide
		Isoverbascoside
		Luteolin
		Melittoside
		Rehmannioside A
		Verbascoside
	Reineckia sp.	N-trans-p-Coumaroyltyramine
	Reseda sp.	p-Hydroxybenzoic acid
		Luteolin
		Luteolin 7-glucoside
	Rhamnus sp.	Aloe emodin
		Aloin A
		Cascaroside A
		Chelidonic acid
		Chrysophanol
		Emodin
		Emodin 8-glucoside
		Frangulin A
		Frangulin B
		Glucofrangulin A
		Glucofrangulin B
		Isorhamnetin
		Kaempferide
		Kaempferol
		Kaempferol 3-glucoside
		Physcion
		Quercetin
		Quercetin 3-glucoside
	Rheum sp.	Aloe emodin
		(+)-Catechin
		Chrysophanol
		Chrysophanol 8-glucoside
		trans-p-Coumaric acid
		Cyanidin 3-glucoside chloride

Botanical Name	Marker Compounds
R	Cyanidin 3-rutinoside chloride
	Desoxyrhaponticin
	Emodin
	Emodin 8-glucoside
	(-)-Epicatechin
	(-)-Epicatechin 3-gallate
	Gallic acid
	(-)-Gallocatechin
	Physcion
	trans-Piceatannol
	Quercetin 3-glucoside
	Quercitrin
	Rhaponticin
	Rhapontigenin
	Rhein
	Rhein 8-glucoside
	Rutin
	ε-Viniferin
Rhodiola sp.	Chrysophanol 8-glucoside
	Gossypin
	Herbacetin
	Kaempferol 3-sambubioside
	Rhodiosin
	Rosarin
	Rosavin
	Rosin
	Salidroside
	Tricin
Rhododendron sp.	α-Amyrin
	β-Amyrin
	Arbutin
	Avicularin
	trans-Caffeic acid
	(-)-Catechin
	(+)-Catechin
	trans-p-Coumaric acid
	Cycloolivil
	Epimedin A1
	Eriodictyol
	Farrerol
	trans-Ferulic acid
	Gallic acid
	Germacrone
	Grayanotoxin I
	Lupeol
	Malvidin 3,5-diglucoside chloride
	Malvidin 3-glucoside chloride
	Myricetin
	Oleanolic acid
	α-Pinene
	Procyanidin A1
	Quercetin
	Rhodojaponin II
	trans-Sinapic acid
	(+)-Taxifolin
	Ursolic acid
Rhus sp.	Amentoflavone
	β-Amyrin
	Avicularin
	D,L-Camphene
	Fisetin
	Gallic acid
	(-)-Gallocatechin
	Kaempferol
	Myricetin
	Myricitrin
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Urushiol (15:1)
	Urushiol (15:2)
	Urushiol (15:3)
Ribes sp.	(+)-Catechin
	Cyanidin 3-glucoside chloride
	Cyanidin 3-rutinoside chloride
	Cyanidin 3-sophoroside chloride
	Delphinidin 3-glucoside chloride
	Delphinidin 3-rutinoside chloride
	Kaempferol
	Kaempferol 3-glucoside
	Myricetin
	Quercetin 3-glucoside
	Quercitrin

Botanical Name	Marker Compounds
R	Rutin
Ricinus sp.	β-Amyrin
	Chlorogenic acid
	Corilagin
	trans-p-Coumaric acid
	Ellagic acid
	trans-Ferulic acid
	Gallic acid
	Geraniin
	Hyperoside
	Lupeol
	Neochlorogenic acid
	Quercetin 3-glucoside
	Quercitrin
Rindera sp.	Echinatine (alkaloid)
	Echinatine N-oxide
Robinia sp.	Linarin
	Robinetin
	Robinin
Rosa sp.	β-Amyrin
	(+)-Catechin
	trans-p-Coumaric acid
	Coumarin
	Cyanidin 3,5-diglucoside chloride
	(-)-Epigallocatechin
	(-)-Gallocatechin
	p-Hydroxybenzoic acid
	Hyperoside
	Kaempferol
	Kaempferol 3-glucoside
	Oleanolic acid
	Pelargonidin 3,5-diglucoside chloride
	Peonidin 3,5-diglucoside chloride
	Procyanidin B3
	Quercetin
	Quercetin 3-glucoside
	Quercetin 3-sophoroside
	Quercitrin
	Rutin
	Salicylic acid
	Scoparone
	α-Terpineol
	Tiliroside
	Ursolic acid
Rosmarinus sp.	β-Amyrin
	Betulin
	Borneol
	(-)-Bornyl acetate
	trans-Caffeic acid
	D,L-Camphene
	DL-Camphor
	Carnosic acid
	Carnosol
	trans-p-Coumaric acid
	Cryptotanshinone
	p-Cymene
	Diosmetin
	Diosmin
	Eucalyptol
	trans-Ferulic acid
	Genkwanin
	Hesperetin
	Hesperidin
	Hispidulin
	Hispidulin 7-glucoside
	Luteolin
	Luteolin 3'-glucuronide
	Luteolin 7-glucoside
	12-O-Methylcarnosic acid
	Nepetin 7-glucoside
	Oleanolic acid
	Protocatechuic acid
	Rosmanol
	Rosmarinic acid
	trans-Sinapic acid
	α-Terpineol
	Ursolic acid
	Vanillic acid
Rourea sp.	Anemosapogenin
Rubia sp.	Alizarin
	Asperuloside
	Asperulosidic acid
	Deacetylasperulosidic acid
	Lucidin 3-primeveroside

	Botanical Name	Marker Compounds
R		Mollugin
		Purpurin
		Ruberythric acid
	Rubus sp.	β-Amyrin
		Cyanidin 3-glucoside chloride
		Cyanidin 3-sophoroside chloride
		Rubusoside
	Rudbeckia sp.	β-Amyrin
		(-)-Bornyl acetate
		Lupeol
		α-Pinene
	Rumex sp.	Chrysophanol 8-glucoside
		Emodin 8-glucoside
		Glucofrangulin A
		Glucofrangulin B
	Ruscus sp.	Campesterol
		Isorhamnetin 3-rutinoside
		Isoschaftoside
		Kaempferol 3-rutinoside
		Neoruscogenin
		Quercetin 3-glucoside
		Ruscogenin
		Ruscogenin/Neoruscogenin mixture
		Rutin
		Stigmasterol
		Vitexin
	Ruta sp.	Bergapten
		Byakangelicin
		Daphnoretin
		Dictamnine
		Eucalyptol
		Imperatorin
		Isoimperatorin
		Isopimpinellin
		Linalyl acetate
		(-)-Menthol
		β-Pinene
		Psoralen
		Rutin
		Skimmianine
		Xanthotoxin
S	Saccharum sp.	β-Amyrin
		Swertisin
	Salacia sp.	Pristimerin
	Salix sp.	Amentoflavone
		Apigenin
		(+)-Catechin
		Chlorogenic acid
		Dihydrokaempferol
		Dihydromyricetin
		Eleutheroside B
		(-)-Epicatechin
		Eriodictyol
		Hyperoside
		Luteolin
		Luteolin 7-glucoside
		Naringenin
		Neochlorogenic acid
		Picein
		Procyanidin B1
		Quercitrin
		Salicin
		Salidroside
		(+)-Taxifolin
	Salvia sp.	β-Amyrin
		Apigenin
		Apigenin 7-glucoside
		Betulin
		Borneol
		(-)-Bornyl acetate
		trans-Caffeic acid
		D,L-Camphene
		DL-Camphor
		Carnosic acid
		Carnosol
		Chlorogenic acid
		Cirsilineol
		trans-p-Coumaric acid
		Cryptochlorogenic acid
		Cryptotanshinone
		Dihydrotanshinone I
		3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt
		Diosmetin
		Eucalyptol

	Botanical Name	Marker Compounds
S		Eupatorin
		trans-Ferulic acid
		Genkwanin
		Hispidulin
		Hispidulin 7-glucoside
		α-Humulene
		trans-Isoferulic acid
		Linalool
		Linalyl acetate
		Luteolin
		Luteolin 3'-glucuronide
		Luteolin 7-glucoside
		Luteolin 7-glucuronide
		Maslinic acid
		12-O-Methylcarnosic acid
		Neochlorogenic acid
		Nepetin
		Nepetin 7-glucoside
		Oleanolic acid
		Penduletin
		α-Pinene
		β-Pinene
		Rosmanol
		Rosmarinic acid
		Sabinyl acetate
		Salvianolic acid A
		Salvianolic acid B
		Salvianolic acid C
		Salvianolic acid D
		trans-Sinapic acid
		Tanshinone I
		Tanshinone IIA
		α-Terpineol
		(-)-α-Thujone
		α,β-Thujone
		Ursolic acid
		Vitexin 7-glucoside
	Sambucus sp.	β-Amyrin
		Betulin
		trans-Caffeic acid
		Campesterol
		Chlorogenic acid
		trans-p-Coumaric acid
		Cyanidin 3,5-diglucoside chloride
		Cyanidin 3-glucoside chloride
		Cyanidin 3-rutinoside chloride
		Cyanidin 3-sambubioside chloride
		trans-Ferulic acid
		Hyperoside
		Kaempferol
		Kaempferol 3-glucoside
		Kaempferol 3-rutinoside
		Lupeol
		Morroniside
		Oleanolic acid
		Quercetin
		Quercetin 3-glucoside
		Rutin
		Ursolic acid
	Sanguinaria sp.	α-Allocryptopine
		Berberine chloride dihydrate
		Chelerythrine chloride
		Coptisin chloride
		Protopine
		Sanguinarine chloride
	Sanguisorba sp.	Avicularin
		Betulinic acid
		trans-Caffeic acid
		trans-p-Coumaric acid
		Cyanidin 3,5-diglucoside chloride
		Cyanidin 3-glucoside chloride
		Ellagic acid
		Gallic acid
		Hamamelitannin
		Kaempferol 3-glucoside
		1,2,3,4,6-Pentagalloyl β-D-glucose
		Quercetin
		Quercetin 3-glucoside
		Resorcinol
		Rutin
		Ursolic acid
		Vanillic acid
		Ziyuglycoside I
		Ziyuglycoside II

Botanical Name	Marker Compounds
Sanicula sp.	Quercetin 3-glucoside
	Rosmarinic acid
	Rutin
Santalum sp.	(-)-α-Bisabolol
Sapium sp.	Chebulagic acid
	Chlorogenic acid
	Corilagin
	Ellagic acid
	Eriodictyol
	Geraniin
	β-Glucogallin
	Quercetin 3-glucoside
	Scopoletin
Saponaria sp.	Saponarin
Saposhnikovia sp.	Cimifugin
	sec-O-Glucosylhamaudol
	4'-O-β-D-Glucosyl 5-O-methylvisamminol
	(+)-Marmesin
	5-O-Methylvisamminol
	Prim-O-glucosylcimifugin
Sarcopoterium sp.	Procyanidin B1
	Ursolic acid
Sarcostemma sp.	β-Amyrin
Sargassum sp.	Fucosterol
Sassafras sp.	α-Asarone
	β-Asarone
	Boldine
	Sesamin
	(-)-α-Thujone
Satureja sp.	β-Amyrin
	Borneol
	(-)-Bornyl acetate
	D,L-Camphene
	Carvacrol
	Cirsilineol
	p-Hydroxybenzoic acid
	Luteolin 3',7-di-O-glucuronide
	Oleanolic acid
	Protocatechuic acid
	Rosmarinic acid
	Salicylic acid
	trans-Sinapic acid
	α-Terpineol
	Thymol
	Ursolic acid
	Vanillic acid
Sauropus sp.	Kaempferol 3-gentiobioside
Saururus sp.	Macelignan
	Manassantin A
	Manassantin B
	Sauchinone
Saussurea sp.	Alantolactone
	Betulin
	Costunolide
	Cycloolivil
	Dehydrocostus lactone
	Eleutheroside B
	Epimedin A1
	Hispidulin
	Isoalantolactone
	Taraxasterol
	Xanthotoxol
Saxifraga sp.	Anisatin
Schinus sp.	Amentoflavone
	D,L-Camphene
	β-Glucogallin
	Kaempferol
	Myricetin
	Ursolic acid
Schisandra sp.	Gomisin G
	Macelignan
	Schisandrol A
	Schisandrol B
	Schisanhenol
	Schisantherin A
	Schisantherin B
	Schizandrin A
	Schizandrin B
	Schizandrin C
Schoenocaulon sp.	Cevadine
	p-Hydroxybenzoic acid
	Veratridine
Sciadopitys sp.	Isoginkgetin
	Sciadopitysin

Botanical Name	Marker Compounds
Scopolia sp.	Apoatropine hydrochloride
	Atropine sulfate
	Hyoscyamine sulfate
	Scopolamine hydrobromide
	Scopolin
Scrophularia sp.	8-Acetylharpagide
	Ajugol
	Angoroside C
	Aucubine
	trans-Caffeic acid
	Catalpol
	trans-Cinnamic acid
	trans-p-Coumaric acid
	Diosmetin
	Diosmin
	trans-Ferulic acid
	Harpagide
	Harpagoside
	Hesperidin
	trans-Isoferulic acid
	Oleanonic acid
	Penduletin
	Protocatechuic acid
	trans-Sinapic acid
	Vanillic acid
Scutellaria sp.	Apigenin 7-glucuronide
	Baicalein
	Baicalein 7-glucoside
	Baicalin
	Hispidulin
	Hispidulin 7-glucoside
	Kaempferide
	Luteolin 7-diglucuronide
	Luteolin 7-glucuronide
	Nepetin
	Oroxylin A 7-glucuronide
	Panicolin
	Scutellarein
	Scutellarin
	Wogonin
	Wogonoside
Secale sp.	cis-Aconitic acid
	trans-p-Coumaric acid
	Ergocristine
	trans-Ferulic acid
	Fumaric acid
	Luteolin 7-diglucuronide
	Vanillic acid
Sedum sp.	Arbutin
	Herbacetin
	Limocitrin
Selenicereus sp.	Hordenine
	Hyperoside
	Isorhamnetin 3-rutinoside
	Rutin
Semecarpus sp.	Eugenol
Semiaquilegia sp.	Griffonilide
	Griffonin
Senecio sp.	Apigenin 7-glucoside
	(-)-α-Bisabolol
	Erucifoline
	Erucifoline N-oxide
	4'-Hydroxyacetophenone
	Jacobine
	Jacobine N-oxide
	Kaempferol 3-glucoside
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Retrorsine
	Retrorsine N-oxide
	Rutin
	Senecionine
	Senecionine N-oxide
	Seneciphylline
	Seneciphylline N-oxide
	Senecivernine
	Senecivernine N-oxide
	Senkirkin
Serenoa sp.	Kaempferol 3-glucoside
	Quercetin 3-glucoside
	Rutin
	β-Sitosterol
	β-Sitosterol D-glucoside

Botanical Name	Marker Compounds
S	Stigmasterol
Sesamum sp.	β-Amyrin
	(-)-Asarinin
	trans-Caffeic acid
	Campesterol
	trans-p-Coumaric acid
	trans-Ferulic acid
	Protocatechuic acid
	Secoisolariciresinol diglucoside
	Sesamin
	Sesamol
	Sesamolin
	trans-Sinapic acid
	Vanillic acid
	Verbascoside
Shorea sp.	β-Amyrin
	Asiatic acid
	Asiaticoside
	Bergenin
	Campesterol
	Ellagic acid
	Gallic acid
	Lupeol
	Oleanolic acid
	Ursolic acid
Sideritis sp.	5-Demethylnobiletin
Sigesbeckia sp.	Kirenol
	Orientin
Silybum sp.	Apigenin
	Apigenin 7-glucoside
	Campesterol
	2,3-Dehydrosilybin A
	2,3-Dehydrosilybin B
	Dihydrokaempferol
	5,7-Dihydroxychromone
	Eriodictyol
	Fumaric acid
	Isofraxidin
	Isosilybin (A + B mixture)
	Isosilybin A
	Isosilybin B
	Kaempferide
	Naringenin
	Quercetin
	Silybin (A + B mixture)
	Silybin A
	Silybin B
	Silychristin
	Silydianin
	(+)-Taxifolin
Simmondsia sp.	Isorhamnetin 3-rutinoside
Sinapis sp.	Campesterol
	trans-p-Coumaric acid
	trans-Ferulic acid
	Glucobrassicanapin potassium salt
	Glucoerucin potassium salt
	Gluconapin potassium salt
	Gluconasturtiin potassium salt
	Glucotropaeolin potassium salt
	Sinalbin potassium salt
	trans-Sinapic acid
	Sinapine chloride
	Vanillic acid
Sinomenium sp.	Sinomenine hydrochloride
Siraitia sp.	Grosvenorine
	Isomogroside V
	Mogrol
	Mogroside III-E
	Mogroside IV
	Mogroside V
	11-Oxomogroside V
	Paeonolide
	Siamenoside I
Sisymbrium sp.	Helveticoside
	Isorhamnetin
	Quercetin
Skimmia sp.	Dictamnine
	Skimmianine
Smilax sp.	Astilbin
	Dioscin
	Diosgenin
	Engeletin
	Formosanin C
	Gracillin

Botanical Name	Marker Compounds
S	Kaempferol
	Mangiferin
	trans-Oxyresveratrol
	Protodioscin
	Sarsasapogenin
	Tigogenin
	Yamogenin
Solanum sp.	trans-Caffeic acid
	Cevadine
	α-Chaconine
	trans-p-Coumaric acid
	N-trans-p-Coumaroyltyramine
	Diosgenin
	N-trans-Feruloyltyramine
	Khasianine
	Kukoamine A
	Kukoamine B
	N-Malonyl DL-tryptophan
	Naringenin chalcone
	Rhamnocitrin
	Scopoletin
	α-Solamargine
	α-Solanine
	Solasodine
	α-Solasonine
	Tigogenin
	Tomatidine hydrochloride
	Tomatine
	Umbelliferone
	Yamogenin
Solidago sp.	Bayogenin
	Borneol
	(-)-Bornyl acetate
	trans-Caffeic acid
	Chlorogenic acid
	Hyperoside
	Isorhamnetin
	Isorhamnetin 3-rutinoside
	Kaempferol
	Kaempferol 3-glucoside
	Kaempferol 3-rhamnoside
	Kaempferol 3-rutinoside
	Leiocarposide
	Neochlorogenic acid
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Rutin
Sophora sp.	Calycosin
	(-)-Maackiain
	Matrine
	N-Methylcytisine
	Oxymatrine
	Oxysophocarpine
	Rutin
	Sophocarpine
	Sophoraflavanone G
	(-)-Sophoranone
	Sophoricoside
	Sophoridine
	Trifolirhizin
	Vicenin II
	ε-Viniferin
Sorbus sp.	Amygdalin
	Betulin
	trans-Caffeic acid
	Chlorogenic acid
	trans-Cinnamic acid
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Lupeol
	Neochlorogenic acid
	Quercetin
	Sorbic acid
	Ursolic acid
Sorghum sp.	β-Amyrin
Spartium sp.	Cytisine
	N-Methylcytisine
Spatholobi sp.	Calycosin
Spigelia sp.	Hyperoside
	Protocatechuic acid
	Vanillic acid
Spinacia sp.	Lutein

	Botanical Name	Marker Compounds
S	Stachys sp.	8-Acetylharpagide
		Calycopterin
		Melittoside
		Penduletin
	Stauntonia sp.	Calceolarioside B
	Stauranthus sp.	Byakangelicol
	Stellera sp.	Chelidonic acid
		Daphnetin
		Daphnoretin
		Isobergapten
		Isopimpinellin
		(-)-Matairesinol
		(+)-Pinoresinol
		Scopoletin
		Umbelliferone
	Stemona sp.	Tuberostemonine
	Stephania sp.	Berbamine dihydrochloride
		Cepharanthine
		(-)-Curine
		Fangchinoline
		Sinomenine hydrochloride
		Tetrandrine
	Sterculia sp.	β-Amyrin
		Betulin
		Farrerol
		Lupeol
		Scopoletin
	Stereospermum sp.	Cycloolivil
		Epimedin A1
	Sternbergia sp.	Isorhamnetin 3-rutinoside
	Stevia sp.	Dulcoside A
		Isosteviol
		Kaurenoic acid
		Luteolin 7-glucoside
		Quercetin 3-glucoside
		Quercitrin
		Rebaudioside A
		Rebaudioside B
		Rebaudioside C
		Rebaudioside D
		Rebaudioside E
		Rebaudioside M
		Rebaudioside N
		Rubusoside
		Steviol
		Steviolbioside
		Steviol 19-glucoside
		Stevioside
	Strophanthus sp.	Cymarin
		Echinocystic acid
		Helveticoside
		Periplocin
		g-Strophanthin
		k-Strophanthoside
		Trigonelline chloride
		Ursolic acid
	Strychnos sp.	Brucine
		trans-Caffeic acid
		Chlorogenic acid
		Kaempferol 3-robinoside 7-glucoside
		Loganic acid
		Loganin
		Oleanolic acid
		Salidroside
		Strychnin
	Stryphnodendron sp.	Maslinic acid
	Sutherlandia sp.	Sutherlandioside B
		Sutherlandioside D
	Swertia sp.	Amarogentin
		Gentiopicroside
		Homoorientin
		Isogentisin
		Isomangiferin
		Isovitexin
		Mangiferin
		Sweroside
		Swertiamarine
		Swertisin
	Symphoricarpus sp.	Esculin
		Fraxin
		Luteolin 7-glucoside
	Symphytum sp.	7-Acetylintermedine
		7-Acetylintermedine N-oxide
		7-Acetyllycopsamine

	Botanical Name	Marker Compounds
S		7-Acetyllycopsamine N-oxide
		Allantoin
		Echimidine
		Echimidine N-oxide
		Intermedine
		Intermedine N-oxide
		Lasiocarpine
		Lasiocarpine N-oxide
		Lycopsamine
		Lycopsamine N-oxide
	Syringa sp.	Eleutheroside B
	Syzygium sp.	Acetyleugenol
		Bergenin
		Betulinic acid
		Borneol
		(-)-Bornyl acetate
		trans-Caffeic acid
		Campesterol
		D,L-Camphene
		DL-Camphor
		β-Caryophyllene
		trans-p-Coumaric acid
		Cryptochlorogenic acid
		Cyanidin 3-glucoside chloride
		Dihydromyricetin
		Ellagic acid
		Eucalyptol
		Eugenol
		trans-Ferulic acid
		Gallic acid
		α-Humulene
		Hyperoside
		Kaempferol
		Kaempferol 3-glucoside
		Maslinic acid
		Myricetin
		Oleanolic acid
		α-Pinene
		β-Pinene
		Protocatechuic acid
		Quercetin
		Quercetin 3-glucoside
		α-Terpineol
		Vanillic acid
T	Tabebuia sp.	Cyanidin 3-glucoside chloride
		Cyanidin 3-rutinoside chloride
		Delphinidin 3,5-diglucoside chloride
		Delphinidin 3-glucoside chloride
		Lapachol
		Quercetin
		Quercetin 3-glucoside
		Vanillic acid
	Tabernanthe sp.	Catharanthine
	Tagetes sp.	Kaempferitrin
		Lutein
	Tamarindus sp.	Homoorientin
		Hordenine
		Isovitexin
		Orientin
		Vitexin
	Tamarix sp.	Kaempferide
		Rhamnetin
		Rhamnocitrin
	Tanacetum sp.	Acacetin
		α-Amyrin
		β-Amyrin
		Apigenin
		Apigenin 7-glucoside
		Apigenin 7-glucuronide
		Artemetin
		Borneol
		(-)-Bornyl acetate
		trans-Caffeic acid
		Campesterol
		D,L-Camphene
		DL-Camphor
		Chamazulene
		Chlorogenic acid
		Cirsilineol
		Costunolide
		3,4-Dicaffeoylquinic acid
		3,5-Dicaffeoylquinic acid
		4,5-Dicaffeoylquinic acid
		Diosmetin

Botanical Name	Marker Compounds
T	
	Eucalyptol
	Eupatilin
	trans-Ferulic acid
	Hispidulin
	Isofraxidin
	Isorhamnetin
	Isosakuranetin
	Linalyl acetate
	Luteolin
	Luteolin 7-glucoside
	Luteolin 7-glucuronide
	Naringenin
	Nepetin
	Orientin
	Parthenolide
	α-Pinene
	β-Pinene
	Protocatechuic acid
	Quercetin
	Quercetin 7-glucoside
	Sabinyl acetate
	Santin
	Scopoletin
	Scopolin
	Sesamin
	Stachydrine chloride
	(-)-α-Thujone
	Thymol
Taraxacum sp.	α-Amyrin
	Apigenin 7-glucoside
	Artemetin
	Campesterol
	Faradiol
	Taraxasterol
	Taraxasterol acetate
Taxus sp.	Baccatin III
	Bilobetin
	trans-Cinnamic acid
	10-Deacetylbaccatin III
	Ginkgetin
	Isorhamnetin
	Sciadopitysin
	(-)-Secoisolariciresinol
	Taxol
Tecoma sp.	Baicalein
	trans-p-Coumaric acid
	Hyperoside
	Lapachol
	Luteolin
	Quercetin
	Ursolic acid
Terebinthina sp.	Erythrodiol
Terminalia sp.	Arjunetin
	Arjungenin
	Arjunic acid
	Baicalein
	Castalagin
	(-)-Catechin
	Chebulagic acid
	Chebulinic acid
	Corilagin
	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	Ellagic acid
	Ethyl gallate
	Friedelin
	Gallic acid
	β-Glucogallin
	Kaempferol
	Naringenin 4',7-dimethylether
	Oleanolic acid
	1,2,3,4,6-Pentagalloyl β-D-glucose
	Punicalagin (A + B mixture)
	Punicalin (A + B mixture)
	Quercetin
	trans-Sinapic acid
	1,3,6-Trigalloyl β-D-glucose
Tetraclinis sp.	Amentoflavone
	Borneol
	(-)-Bornyl acetate
	DL-Camphor
	Carvacrol
	α-Pinene
	α-Terpineol
Teucrium sp.	Acacetin

Botanical Name	Marker Compounds
T	
	8-Acetylharpagide
	Apigenin
	Apigenin 7-glucoside
	trans-Caffeic acid
	Cirsilineol
	Eupatorin
	Harpagide
	α-Humulene
	Luteolin
	Luteolin 7-glucoside
	Poliumoside
	Teucrin A
	Verbascoside
Thalictrum sp.	α-Allocryptopine
	Berbamine dihydrochloride
Thapsia sp.	Byakangelicin
Theobroma sp.	Caffeine
	(+)-Catechin
	Chlorogenic acid
	Cinnamtannin A2
	(-)-Epicatechin
	Procyanidin A1
	Procyanidin A2
	Procyanidin B1
	Procyanidin B2
	Procyanidin C1
	Rutin
	Theobromine
	Theophylline
Thermopsis sp.	N-Methylcytisine
Thespesia sp.	Gossypol
	Herbacetin
Thuja sp.	Amentoflavone
	Bilobetin
	Borneol
	D,L-Camphene
	Carvacrol
	Dihydrokaempferol
	Kaempferol
	Kaempferol 3-rhamnoside
	Myricetin
	α-Pinene
	Quercitrin
	(+)-Taxifolin
	α-Terpineol
	(-)-α-Thujone
	Umbelliferone
Thujopsis sp.	Hinokinin
Thymus sp.	Androsin
	Apigenin
	Apigenin 7-glucoside
	Borneol
	(-)-Bornyl acetate
	trans-Caffeic acid
	D,L-Camphene
	Carvacrol
	Carvacrol methyl ether
	Cirsilineol
	p-Cymene
	5-Demethylnobiletin
	Dihydrokaempferol
	Eriocitrin
	Eriodictyol
	Eucalyptol
	trans-Ferulic acid
	Gardenin B
	Genkwanin
	p-Hydroxybenzoic acid
	Linalool
	Linalyl acetate
	Luteolin
	Luteolin 7-glucoside
	Naringenin
	Oleanolic acid
	α-Pinene
	Protocatechuic acid
	Rosmarinic acid
	Sakuranetin
	Salicylic acid
	trans-Sinapic acid
	(+)-Taxifolin
	α-Terpineol
	Thymol
	Ursolic acid

	Botanical Name	Marker Compounds
T		Vanillic acid
		Vicenin II
	Tilia sp.	β-Amyrin
		trans-Caffeic acid
		Chlorogenic acid
		trans-p-Coumaric acid
		Ellagic acid
		Esculin
		Fraxetin
		Fraxin
		Gallic acid
		Hyperoside
		Kaempferitrin
		Kaempferol
		Kaempferol 3-glucoside
		Kaempferol 3-rhamnoside
		Procyanidin B2
		Protocatechuic acid
		Quercetin
		Quercetin 3-glucoside
		Quercitrin
		Rutin
		Tiliroside
	Toddalia sp.	Toddalolactone
	Torreya sp.	2-Methoxycinnamaldehyde
	Trachelospermum sp.	Tracheloside
	Tragopogon sp.	Swertisin
	Tribulus sp.	Gitogenin
		Gracillin
		Hecogenin
		Protodioscin
		Ruscogenin
		Tigogenin
		Tribulosin
	Trichodesma sp.	Europine hydrochloride
		Europine N-oxide
		Intermedine
		Intermedine N-oxide
		Trichodesmine
	Trichosanthes sp.	Cucurbitacin B
		Kaempferitrin
	Trifolium sp.	Biochanin A
		Calycosin
		trans-p-Coumaric acid
		Daidzein
		Daidzin
		Formononetin
		Genistein
		Genistin
		Isorhamnetin
		Kaempferol
		Luteolin
		(-)-Maackiain
		Pectolinarigenin
		trans-Resveratrol
	Trigonella sp.	trans-Caffeic acid
		Chlorogenic acid
		trans-p-Coumaric acid
		Diosgenin
		Formononetin
		Gitogenin
		Homoorientin
		4-Hydroxy L-isoleucine
		Isovitexin
		Kaempferol 3-glucoside
		Luteolin
		Quercetin
		Quercetin 3-glucoside
		Scopoletin
		Tigogenin
		Trigonelline chloride
		Vicenin II
		Vitexin
		Vitexin 7-glucoside
		Yamogenin
	Tripterygium sp.	Demethylzeylasteral
		Pristimerin
		Triptolide
		Triptonide
		Triptophenolide
		Wilfordine
		Wilforgine
		Wilforine
		Wilforlide A

	Botanical Name	Marker Compounds
T	Triticum sp.	trans-Aconitic acid
		Campesterol
		N-Malonyl DL-tryptophan
		β-Sitosterol
		β-Sitosterol D-glucoside
	Trixis sp.	Calycopterin
	Trollius sp.	Orientin 2"-galactoside
	Tropaeolum sp.	Chlorogenic acid
		Glucotropaeolin potassium salt
		Sinalbin potassium salt
	Tsuga sp.	trans-Piceatannol
	Turpinia sp.	Ligustroflavone
	Tussilago sp.	β-Amyrin
		Campesterol
		Faradiol
		Gallic acid
		Kaempferol
		Lupeol
		Quercetin
		Senecionine
		Senecionine N-oxide
		Senkirkin
		Tussilagone
	Typha sp.	Isorhamnetin 3-neohesperidoside
		Typhaneoside
U	Ulex sp.	β-Amyrin
		N-Methylcytisine
		Quercetin 7-glucoside
	Ulmus sp.	Campesterol
		(+)-Catechin
	Uncaria sp.	Ajmalicine
		Corynoxine B
		(-)-Epicatechin
		Hyperoside
		Isomitraphylline
		Isorhynchophylline
		Mitraphylline
		Rhynchophylline
		Rutin
		Uncarine C
		Uncarine E
		Ursolic acid
		Yohimbine hydrochloride
	Undaria sp.	Fucosterol
	Uraria sp.	Rhoifolin
	Urginea sp.	Campesterol
		Cyanidin 3,5-diglucoside chloride
		Cyanidin 3-glucoside chloride
		Pelargonidin 3-glucoside chloride
		Proscillaridin A
		Quercetin 3-glucoside
		Vicenin II
	Urtica sp.	L-Aspartic acid
		trans-Caffeic acid
		Caffeoylmalic acid
		Chlorogenic acid
		trans-p-Coumaric acid
		trans-Ferulic acid
		Fumaric acid
		L-Glutamic acid
		Kaempferol 3-glucoside
		Oleanolic acid
		Quercetin 3-glucoside
		Rutin
		Scopoletin
		(-)-Secoisolariciresinol
		Ursolic acid
	Usnea sp.	Protocetraric acid
		(+)-Usnic acid
V	Vaccaria sp.	Vaccarin
	Vaccinium sp.	α-Amyrin
		β-Amyrin
		Arbutin
		Asperuloside
		Avicularin
		(+)-Catechin
		Chlorogenic acid
		Cyanidin 3-arabinoside chloride
		Cyanidin chloride
		Cyanidin 3-galactoside chloride
		Cyanidin 3-glucoside chloride
		Delphinidin chloride
		Delphinidin 3-galactoside chloride
		Delphinidin 3-glucoside chloride

V

Botanical Name	Marker Compounds
	Delphinidin 3-sambubioside chloride
	(-)-Epicatechin
	p-Hydroxybenzoic acid
	Hyperoside
	Malvidin chloride
	Malvidin 3-galactoside chloride
	Malvidin 3-glucoside chloride
	Monotropein
	Myricetin
	Oleanolic acid
	Peonidin chloride
	Peonidin 3-glucoside chloride
	Petunidin chloride
	Petunidin 3-glucoside chloride
	Procyanidin A2
	Procyanidin B1
	Procyanidin B2
	Procyanidin B3
	Procyanidin C1
	Protocatechuic acid
	trans-Pterostilbene
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	Salicylic acid
	Salidroside
	Syringic acid
	Ursolic acid
Valeriana sp.	Acetoxyvalerenic acid
	Borneol
	(-)-Bornyl acetate
	trans-Caffeic acid
	D,L-Camphene
	Chlorogenic acid
	Eucalyptol
	Hesperidin
	Hydroxyvalerenic acid
	trans-Isoferulic acid
	Patchouli alcohol
	α-Pinene
	β-Pinene
	α-Terpineol
	Valerenic acid
	Valtrate
Vanilla sp.	Vanillin
Vanillosmopsis sp.	(-)-α-Bisabolol
	Bisabolol oxide A
	Costunolide
	Dehydrocostus lactone
	Friedelin
	Genkwanin
	α-Humulene
Vatica sp.	ε-Viniferin
Veratrum sp.	Cevadine
	Chelidonic acid
	Cyclopamine
	Jervine
	Protoveratrine A
	trans-Resveratrol
	Veratramine
	Veratridine
	Yamogenin
Verbascum sp.	Ajugol
	Apigenin
	Apigenin 7-glucoside
	Aucubine
	trans-Caffeic acid
	Catalpol
	Chlorogenic acid
	trans-p-Coumaric acid
	Crocin
	Crocin 2
	Diosmin
	Eriodictyol
	trans-Ferulic acid
	Forsythoside B
	Harpagide
	Harpagoside
	Hesperidin
	Kaempferol
	Luteolin
	Luteolin 7-glucoside
	Protocatechuic acid
	Quercetin

V

Botanical Name	Marker Compounds
	Quercetin 7-glucoside
	Rutin
	Vanillic acid
	Verbascoside
Verbena sp.	Apigenin 7-glucoside
	Apigenin 7-glucuronide
	Diosmetin
	Hastatoside
	Luteolin 7-diglucuronide
	Luteolin 7-glucoside
	Verbascoside
	Verbenalin
Vernonia sp.	β-Amyrin
Veronica sp.	Apigenin
	Aucubine
	trans-Caffeic acid
	Catalpol
	Chlorogenic acid
	5,7-Dihydroxy 3,3',4',5',6,8-hexamethoxyflavone
	trans-Ferulic acid
	Luteolin
	Luteolin 7-glucoside
	Tricin
	Vanillic acid
Viburnum sp.	Amentoflavone
	α-Amyrin
	β-Amyrin
	Arbutin
	trans-Caffeic acid
	(+)-Catechin
	Chlorogenic acid
	3,4-Dicaffeoylquinic acid
	3,5-Dicaffeoylquinic acid
	4,5-Dicaffeoylquinic acid
	Esculetin
	Kaempferol 3-glucoside
	Neochlorogenic acid
	(-)-Olivil
	Quercetin 3-sophoroside
	Salicin
	Scopoletin
	Ursolic acid
Vigna sp.	Quercetin 3-sophoroside
	Robinin
Vinca sp.	Ajmalicine
	Jervine
	Kaempferol 3-robinoside 7-glucoside
	Loganic acid
	Quercetin 3-rutinoside 7-glucoside
	Reserpine
	Rutin
	Serpentine hydrogen tartrate
	Tabersonine hydrochloride
	Ursolic acid
Vincetoxicum sp.	α-Amyrin
	trans-Caffeic acid
	Chlorogenic acid
	4'-Hydroxyacetophenone
	Kaempferol
	Myricetin
	Quercetin
	Quercetin 3-glucoside
	Quercitrin
	trans-Sinapic acid
Viola sp.	Homoorientin
	p-Hydroxybenzoic acid
	Isovitexin
	Orientin
	Protocatechuic acid
	Quercetin
	Rutin
	Salicylic acid
	Saponarin
	trans-Sinapic acid
	Ursolic acid
	Vanillic acid
	Vicenin II
	Vitexin
Virola sp.	Cubebin
	(+)-Eudesmin
	trans-Ferulic acid
Viscum sp.	β-Amyrin
	Betulinic acid
	Betulonic acid

	Botanical Name	Marker Compounds
V		trans-Caffeic acid
		Eleutheroside B
		Eleutheroside E
		trans-Ferulic acid
		Isorhamnetin
		Oleanolic acid
		Pachypodol
		Protocatechuic acid
		Quercetin
		Sakuranetin
		trans-Sinapic acid
		Ursolic acid
		Vanillic acid
	Vitex sp.	Agnuside
		Artemetin
		Aucubine
		(-)-Bornyl acetate
		Casticin
		5,7-Dihydroxychromone
		β-Ecdysone
		Eucalyptol
		Homoorientin
		Isovitexin
		Luteolin 7-glucoside
		Negundoside
		Orientin
		Pachypodol
		Penduletin
		α-Pinene
		β-Pinene
		Ursolic acid
		Vitexin
		Vitexin 2''-glucoside
	Vitis sp.	Astringin
		Caftaric acid
		(+)-Catechin
		Chlorogenic acid
		trans-p-Coumaric acid
		trans-Coutaric acid
		Cyanidin 3-glucoside chloride
		Delphinidin 3-glucoside chloride
		(-)-Epicatechin
		trans-Fertaric acid
		Malvidin chloride
		Malvidin 3,5-diglucoside chloride
		Malvidin 3-glucoside chloride
		Oleanolic acid
		Peonidin chloride
		Peonidin 3-glucoside chloride
		Petunidin chloride
		Petunidin 3-glucoside chloride
		trans-Piceatannol
		trans-Polydatin
		Procyanidin A1
		Procyanidin A2
		Procyanidin B1
		Procyanidin B2
		Procyanidin B3
		Procyanidin C1
		trans-Pterostilbene
		Quercetin 3-glucoside
		Quercetin 3-glucuronide
		trans-Resveratrol
		Rhapontigenin
		Syringic acid
		α-Terpineol
		ε-Viniferin
	Voacanga sp.	Reserpine
		Tabersonine hydrochloride
W	Wasabi sp.	Gluconapin potassium salt
		Gluconasturtiin potassium salt
		Sinigrin potassium salt
	Wedelia sp.	Atractyloside
		Carboxyatractyloside
		Kaurenoic acid
	Wikstroemia sp.	Arctigenin
		Chelidonic acid
		Daphnoretin
		Eleutheroside B
		Genkwanin
		(-)-Matairesinol
		Orientin
		(+)-Pinoresinol
		Quercetin 3-glucoside

	Botanical Name	Marker Compounds
W		Tricin
		Umbelliferone
	Wilbrandia sp.	Cucurbitacin B
	Withania sp.	12-Deoxywithastramonolide
		Kaempferol 3-robinoside 7-glucoside
		Quercetin 3-rutinoside 7-glucoside
		Withaferin A
		Withanolide A
		Withanolide B
		Withanone
		Withanoside IV
		Withanoside V
	Wrightia sp.	α-Amyrin
		β-Amyrin
		Tryptanthrine
X	Xanthium sp.	Atractyloside
		Carboxyatractyloside
	Xanthophytum sp.	Lucidin 3-primeveroside
	Xylopia sp.	Boldine
	Xysmalobium sp.	Uzarin
Y	Yucca sp.	Hecogenin
		Sarsasapogenin
		Tigogenin
Z	Zanthoxylum sp.	α-Allocryptopine
		β-Amyrin
		Arbutin
		(-)-Asarinin
		Aurapten
		Berbamine dihydrochloride
		Berberine chloride dihydrate
		Bergapten
		D,L-Camphene
		Canadine
		(+)-Δ-3-Carene
		Chelerythrine chloride
		Chlorogenic acid
		Dictamnine
		Eucalyptol
		(+)-Eudesmin
		Evodiamine
		Fargesin
		Germacrone
		Hesperidin
		Hinokinin
		Hyperoside
		Imperatorin
		Isoimperatorin
		Isovitexin
		Kaempferol
		Linalyl acetate
		Lupeol
		Luteolin 7-glucoside
		Magnoflorine chloride
		(+)-Marmesin
		Nitidine chloride
		Palmatine chloride
		α-Pinene
		(+)-Pinoresinol
		Protopine
		Psoralen
		Quercetin
		Quercetin 3-glucoside
		Quercitrin
		Rutaecarpine
		Rutin
		Scoparone
		Scopoletin
		Sesamin
		Sesamol
		Skimmianine
		α-Terpineol
		Toddalolactone
		Umbelliferone
		Vanillic acid
		Vitexin
		Xanthotoxin
	Zea sp.	β-Amyrin
	Zingiber sp.	Asarylaldehyde
		Borneol
		D,L-Camphene
		(-)-Carvone
		(+)-Carvone
		Citral
		trans-p-Coumaric acid

Botanical Name	Marker Compounds
Z	Cyanidin 3-glucoside chloride
	Eucalyptol
	trans-Ferulic acid
	6-Gingerol
	8-Gingerol
	10-Gingerol
	Resorcinol
	6-Shogaol
	8-Shogaol
	10-Shogaol
	trans-Sinapic acid
	Vanillic acid
	Zerumbone
Ziziphus sp.	Betulonic acid
	Corosolic acid
	6'''-Feruloylspinosin
	Jujuboside A
	Jujuboside B
	Oleanonic acid
	Spinosin
	Swertisin

Index III: CAS Registry Numbers

CAS #	Reference Substance	Page
[50-55-5]	Reserpine	124
[51-56-9]	Homatropine hydrobromide	72
[54-71-7]	Pilocarpine hydrochloride	112
[55-48-1]	Atropine sulfate	18
[56-12-2]	γ-Aminobutyric acid	11
[56-25-7]	Cantharidin	27
[56-41-7]	L-Alanine	9
[56-54-2]	(+)-Quinidine	122
[56-84-8]	L-Aspartic acid	16
[56-85-9]	L-Glutamine	66
[56-86-0]	L-Glutamic acid	66
[57-24-9]	Strychnin	140
[58-08-2]	Caffeine	25
[58-55-9]	Theophylline	144
[58-61-7]	Adenosine	8
[60-70-8]	Veratramine	151
[60-81-1]	Phloridzin	111
[60-82-2]	Phloretin	111
[61-25-6]	Papaverine hydrochloride	108
[62-59-9]	Cevadine	30
[63-05-8]	Androstenedione	12
[63-68-3]	L-Methionine	94
[64-86-8]	Colchicine	33
[65-19-0]	Yohimbine hydrochloride	154
[65-31-6]	Nicotine ditartrate	102
[65-85-0]	Benzoic acid	21
[66-28-4]	Strophanthidine	139
[66-97-7]	Psoralen	120
[69-72-7]	Salicylic acid	128
[70-47-3]	L-Asparagine	16
[71-62-5]	Veratridine	151
[71-63-6]	Digitoxin	44
[72-48-0]	Alizarin	9
[73-03-0]	Cordycepin	34
[74-79-3]	L-Arginine	14
[76-22-2]	DL-Camphor	26
[76-66-4]	Rhynchophylline	125
[76-77-7]	Neoquassin	101
[76-78-8]	Quassin	121
[77-52-1]	Ursolic acid	149
[77-60-1]	Tigogenin	145
[78-70-6]	Linalool	87
[79-92-5]	D,L-Camphene	26
[80-56-8]	α-Pinene	113
[81-27-6]	Sennoside A	133
[81-54-9]	Purpurin	121
[82-02-0]	Khellin	85
[83-46-5]	β-Sitosterol	136
[83-48-7]	Stigmasterol	139
[83-67-0]	Theobromine	144
[83-95-4]	Skimmianine	137
[84-26-4]	Rutaecarpine	127
[84-65-1]	Anthraquinone	13
[84-79-7]	Lapachol	86
[87-00-3]	see [51-56-9]	-
[87-28-5]	2-Hydroxyethyl salicylate	75
[87-44-5]	β-Caryophyllene	28
[87-52-5]	Gramine	68
[87-66-1]	Pyrogallol	121
[89-81-6]	Piperitone	114
[89-82-7]	R-(+)-Pulegone	120
[89-83-8]	Thymol	144
[90-19-7]	Rhamnetin	124
[91-64-5]	Coumarin	35
[92-61-5]	Scopoletin	131
[93-28-7]	Acetyleugenol	7
[93-35-6]	Umbelliferone	149
[94-07-5]	Synephrine	140
[94-26-8]	Butyl p-hydroxybenzoate	24
[94-62-2]	Piperine	113
[97-53-0]	Eugenol	53
[97-59-6]	Allantoin	10
[97-75-6]	see [6106-81-6]	-
[98-55-5]	α-Terpineol	142
[99-24-1]	Methyl gallate	95
[99-32-1]	Chelidonic acid	31
[99-50-3]	Protocatechuic acid	118
[99-87-6]	p-Cymene	39
[99-93-4]	4'-Hydroxyacetophenone	74
[99-96-7]	p-Hydroxybenzoic acid	74
[100-51-6]	Benzyl alcohol	21
[102-37-4]	see [66648-50-8]	-
[103-26-4]	see [1754-62-7]	-
[103-41-3]	Benzyl cinnamate	21
[108-46-3]	Resorcinol	124
[110-16-7]	Maleic acid	92
[110-17-8]	Fumaric acid	57
[110-44-1]	Sorbic acid	138
[114-49-8]	Scopolamine hydrobromide	131
[115-95-7]	Linalyl acetate	88
[117-02-2]	Rubiadin	127
[117-10-2]	Danthrone	40
[117-39-5]	Quercetin	121
[118-08-1]	Hydrastine	74
[118-10-5]	(+)-Cinchonine	32
[118-34-3]	Eleutheroside B	49
[119-36-8]	Methyl salicylate	96
[120-08-1]	Scoparone	131
[120-29-6]	Tropine	147
[120-80-9]	Catechol	29
[121-33-5]	Vanillin	150
[121-34-6]	Vanillic acid	150
[123-31-9]	Hydroquinone	74
[126-17-0]	Solasodine	137
[126-19-2]	Sarsasapogenin	129
[127-22-0]	3β-Taraxerol	142
[127-30-0]	Lasiocarpine N-oxide	86
[127-40-2]	Lutein	90
[127-91-3]	β-Pinene	113
[128-57-4]	Sennoside B	133
[130-01-8]	Senecionine	132
[130-86-9]	Protopine	118
[130-95-0]	(-)-Quinine	122
[132-37-6]	Peonidin 3,5-diglucoside chloride	110
[133-04-0]	(-)-Asarinin	15
[134-01-0]	Peonidin chloride	110
[134-04-3]	Pelargonidin chloride	109
[135-97-7]	Pseudotropine	119
[138-52-3]	Salicin	128
[140-10-3]	trans-Cinnamic acid	32
[140-67-0]	Estragole	53
[143-57-7]	Protoveratrine A	118
[147-85-3]	L-Proline	117
[149-91-7]	Gallic acid	58
[152-84-1]	Ruberythric acid	127
[152-93-2]	Vicine	152
[152-95-4]	Sophoricoside	137
[153-18-4]	Rutin	127
[154-23-4]	(+)-Catechin	29
[154-60-9]	Primeverin	116
[154-61-0]	Primulaverin	116
[155-58-8]	Rhaponticin	125
[298-81-7]	Xanthotoxin	154
[300-08-3]	Arecoline hydrobromide	14
[301-19-9]	Robinin	126
[302-27-2]	Aconitine	8
[303-33-3]	Heliotrine	71
[303-34-4]	Lasiocarpine	86
[303-45-7]	Gossypol	68
[304-21-2]	Harmaline	69
[305-01-1]	Esculetin	53
[313-67-7]	Aristolochic acid I	14
[315-22-0]	Monocrotaline	98
[316-42-7]	Emetine dihydrochloride	49
[327-97-9]	Chlorogenic acid	31
[331-39-5]	see [501-16-6]	-
[357-57-3]	Brucine	24
[404-86-4]	Capsaicin	27
[436-05-5]	(-)-Curine	37
[436-77-1]	Fangchinoline	54
[437-64-9]	Genkwanin	60
[442-51-3]	Harmine	69
[446-72-0]	Genistein	60
[456-12-2]	Aegeline	8

CAS #	Reference Substance	Page
[458-37-7]	Curcumin	37
[464-92-6]	Asiatic acid	16
[465-16-7]	Oleandrin	104
[465-21-4]	Bufalin	24
[465-39-4]	Resibufogenin	124
[465-92-9]	Marrubiin	93
[465-99-6]	Hederagenin	70
[466-06-8]	Proscillaridin A	117
[467-55-0]	Hecogenin	70
[469-32-9]	Hamamelitannin	69
[469-59-0]	Jervine	83
[469-83-0]	Cafestol	25
[470-17-7]	Isoalantolactone	78
[470-37-1]	Cinobufagin	33
[470-82-6]	Eucalyptol	53
[471-05-6]	Zerumbone	154
[471-53-4]	18β-Glycyrrhetinic acid	67
[471-66-9]	α-Boswellic acid	23
[471-80-7]	Steviol	139
[472-11-7]	Ruscogenin	127
[472-11-7]	see also Ruscogenin/Neoruscogenin mixture	127
[472-15-1]	Betulinic acid	22
[473-08-5]	α-Cyperone	39
[473-98-3]	Betulin	22
[474-07-7]	Brazilin	24
[474-58-8]	β-Sitosterol D-glucoside	136
[474-62-4]	Campesterol	26
[475-20-7]	(+)-Longifolene	89
[475-80-9]	Aristolochic acid II	14
[475-83-2]	Nuciferine	104
[476-32-4]	Chelidonine	31
[476-66-4]	Ellagic acid	49
[476-70-0]	Boldine	23
[477-43-0]	Dehydrocostus lactone	41
[477-85-0]	Obtusifolin	104
[477-90-7]	Bergenin	21
[478-01-3]	Nobiletin	102
[478-08-0]	Lucidin	89
[478-43-3]	Rhein	125
[478-61-5]	see [6078-17-7]	-
[479-20-9]	Atranorin	18
[479-41-4]	Indirubin	78
[479-90-3]	Artemetin	15
[479-91-4]	Casticin	29
[479-98-1]	Aucubine	18
[480-10-4]	Kaempferol 3-glucoside	84
[480-11-5]	Oroxylin A	106
[480-16-0]	Morin	98
[480-18-2]	(+)-Taxifolin	142
[480-19-3]	Isorhamnetin	81
[480-20-6]	Dihydrokaempferol	45
[480-36-4]	Linarin	88
[480-39-7]	Pinocembrin	113
[480-40-0]	Chrysin	31
[480-43-3]	Isosakuranetin	81
[480-44-4]	Acacetin	6
[480-54-6]	Retrorsine	124
[480-81-9]	Seneciphylline	132
[480-83-1]	Echinatine (alkaloid)	48
[480-85-3]	Retronecine	124
[481-06-1]	α-Santonin	129
[481-39-0]	Juglone	83
[481-42-5]	Plumbagin	114
[481-46-9]	Ginkgetin	61
[481-49-2]	Cepharanthine	30
[481-52-7]	Calycopterin	26
[481-53-8]	Tangeretin	141
[481-72-1]	Aloe emodin	10
[481-74-3]	Chrysophanol	31
[482-25-7]	Byakangelicin	24
[482-27-9]	Isopimpinellin	81
[482-35-9]	Quercetin 3-glucoside	121
[482-36-0]	Hyperoside	76
[482-38-2]	Kaempferitrin	83
[482-39-3]	Kaempferol 3-rhamnoside	84
[482-44-0]	Imperatorin	77
[482-45-1]	Isoimperatorin	80

CAS #	Reference Substance	Page
[482-48-4]	Isobergapten	79
[482-89-3]	Indigotin	77
[483-04-5]	Ajmalicine	8
[483-15-8]	Dihydroberberine	44
[483-90-9]	Toddalolactone	145
[484-12-8]	Osthole	106
[484-20-8]	Bergapten	21
[484-29-7]	Dictamnine	44
[485-35-8]	Cytisine	39
[485-49-4]	(+)-Bicuculline	22
[485-65-4]	(+)-Dihydrocinchonine	44
[485-71-2]	(-)-Cinchonidine	32
[485-72-3]	Formononetin	56
[485-91-6]	α-Allocryptopine	10
[486-21-5]	Isofraxidin	79
[486-28-2]	Fraxinol	57
[486-35-1]	Daphnetin	40
[486-62-4]	Ononin	105
[486-63-5]	Isoformononetin	79
[486-64-6]	Vasicinone	151
[486-66-8]	Daidzein	39
[486-86-2]	N-Methylcytisine	95
[487-06-9]	Citropten	33
[487-36-5]	(+)-Pinoresinol	113
[487-41-2]	Phillyrin	111
[489-32-7]	Icariin	76
[489-33-8]	Limocitrin	87
[489-50-9]	Fumarprotocetraric acid	57
[489-51-0]	Protocetraric acid	118
[489-84-9]	Guaiazulene	68
[490-31-3]	Robinetin	126
[490-46-0]	(-)-Epicatechin	50
[491-07-6]	Isomenthone	80
[491-50-9]	Quercetin 7-glucoside	122
[491-54-3]	Kaempferide	83
[491-64-5]	Isogentisin	79
[491-67-8]	Baicalein	20
[491-70-3]	Luteolin	90
[491-74-7]	Iridin	78
[491-80-5]	Biochanin A	22
[495-02-3]	Aurapten	18
[495-31-8]	Nodakenin	102
[495-85-2]	Methysticin	96
[497-76-7]	Arbutin	14
[498-02-2]	Apocynin	13
[498-15-7]	(+)-Δ-3-Carene	27
[499-75-2]	Carvacrol	28
[500-38-9]	Nordihydroguaiaretic acid	103
[500-55-0]	see [5978-81-4]	-
[500-62-9]	Yangonin	154
[500-65-2]	Rhapontigenin	125
[501-16-6]	trans-Caffeic acid	25
[501-36-0]	trans-Resveratrol	124
[501-94-0]	Tyrosol	149
[501-98-4]	trans-p-Coumaric acid	35
[507-70-0]	Borneol	23
[508-01-0]	Soyasapogenol A	138
[508-02-1]	Oleanolic acid	104
[508-44-1]	Anemonin	12
[508-75-8]	Convallatoxin	34
[508-77-0]	Cymarin	39
[509-15-9]	Gelsemine	60
[509-80-8]	Mitraphylline	97
[510-30-5]	Echinocystic acid	48
[511-01-3]	α-Onocerin	105
[511-08-0]	Ergocristine	51
[511-96-6]	Gitogenin	64
[512-04-9]	Diosgenin	47
[512-06-1]	Yamogenin	154
[517-89-5]	Shikonin	134
[518-17-2]	Evodiamine	54
[518-28-5]	Podophyllotoxin	114
[518-34-3]	Tetrandrine	143
[518-69-4]	Corydaline	34
[518-82-1]	Emodin	49
[519-02-8]	Matrine	93
[520-11-6]	Nepetin	101

CAS #	Reference Substance	Page
[520-12-7]	Pectolinarigenin	109
[520-18-3]	Kaempferol	83
[520-26-3]	Hesperidin	71
[520-27-4]	Diosmin	47
520-28-5	Tectochrysin	142
[520-32-1]	Tricin	146
[520-33-2]	Hesperetin	71
[520-34-3]	Diosmetin	47
[520-36-5]	Apigenin	13
[520-68-3]	Echimidine	48
[521-32-4]	Bilobetin	22
[521-34-6]	Sciadopitysin	131
[521-61-9]	Physcion	111
[521-62-0]	Frangulin A	56
[521-88-0]	Karanjin	84
[522-12-3]	Quercitrin	122
[522-66-7]	(-)-Dihydroquinine	45
[522-97-4]	Canadine	27
[523-50-2]	Angelicin	12
[524-12-9]	Wedelolactone	152
[524-17-4]	Dauricine	40
[524-30-1]	Fraxin	57
[526-07-8]	Sesamolin	134
[527-95-7]	Herbacetin	71
[528-43-8]	Magnolol	92
[528-48-3]	Fisetin	55
[528-53-0]	Delphinidin chloride	42
[528-58-5]	Cyanidin chloride	38
[529-05-5]	Chamazulene	30
[529-44-2]	Myricetin	99
[529-53-3]	Scutellarein	131
[529-59-9]	Genistin	60
[530-14-3]	Picein	112
[530-57-4]	Syringic acid	141
[530-59-6]	see [7362-37-0]	-
[531-28-2]	Androsin	11
[531-44-2]	Scopolin	131
[531-59-9]	7-Methoxycoumarin	95
[531-75-9]	Esculin	53
[532-24-1]	Tropinone	148
[532-65-0]	ar-Turmerone	148
[533-31-3]	Sesamol	134
[535-26-2]	Aposcopolamine	13
[537-42-8]	trans-Pterostilbene	120
[537-73-5]	see [25522-33-2]	-
[537-98-4]	trans-Ferulic acid	55
[539-15-1]	Hordenine	73
[541-91-3]	Muscone	99
[545-47-1]	Lupeol	89
[545-48-2]	Erythrodiol	52
[546-43-0]	Alantolactone	9
[546-80-5]	(-)-α-Thujone	144
[548-04-9]	Hypericin	76
[548-19-6]	Isoginkgetin	80
[548-37-8]	Verbenalin	151
[548-76-5]	Irigenin	78
[548-77-6]	Tectorigenin	142
[548-83-4]	Galangin	58
[548-90-3]	Trichodesmine	146
[550-24-3]	Embelin	49
[551-15-5]	Liquiritin	88
[552-41-0]	Paeonol	107
[552-58-9]	Eriodictyol	52
[552-66-9]	Daidzin	40
[553-21-9]	Costunolide	35
[555-66-8]	6-Shogaol	134
[559-70-6]	β-Amyrin	11
[559-74-0]	Friedelin	57
[568-53-6]	α-Peltatin	110
[568-72-9]	Tanshinone IIA	141
[568-73-0]	Tanshinone I	141
[569-80-2]	Penduletin	110
[569-90-4]	Nepetin 7-glucoside	102
[569-92-6]	Rhamnocitrin	125
[570-19-4]	Europine hydrochloride	54
[572-30-5]	Avicularin	18
[572-31-6]	Engeletin	50
[574-84-5]	Fraxetin	57
[578-74-5]	Apigenin 7-glucoside	13
[578-86-9]	Liquiritigenin	88
[580-72-3]	(-)-Matairesinol	93
[583-17-5]	see [614-60-8]	-
[585-84-2]	cis-Aconitic acid	8
[587-63-3]	Dihydrokavain	45
[588-30-7]	see [14755-02-3]	-

CAS #	Reference Substance	Page
[595-15-3]	Soyasapogenol B	138
[599-07-5]	Medicagenic acid	94
[604-80-8]	Isorhamnetin 3-rutinoside	81
[607-80-7]	Sesamin	133
[607-91-0]	Myristicine	99
[611-40-5]	Tectoridin	142
[614-60-8]	trans-o-Coumaric acid	35
[620-61-1]	Hyoscyamine sulfate	76
[621-82-9]	see [140-10-3]	-
[630-60-4]	g-Strophanthin	139
[630-64-8]	Helveticoside	71
[631-69-6]	β-Boswellic acid	23
[632-85-9]	Wogonin	153
[636-46-4]	4-Hydroxyisophthalic acid	75
[638-95-9]	α-Amyrin	11
[643-84-5]	Malvidin chloride	92
[652-78-8]	Gossypin	67
[728-61-0]	Linderalactone	88
[737-52-0]	Oxypeucedanin	106
[751-03-1]	Obacunone	104
[831-61-8]	Ethyl gallate	53
[855-96-9]	Eupatorin	54
[905-99-7]	Cryptochlorogenic acid	36
[906-33-2]	Neochlorogenic acid	100
[961-29-5]	Isoliquiritigenin	80
[970-74-1]	(-)-Epigallocatechin	50
[989-51-5]	(-)-Epigallocatechin 3-gallate	51
[1044-65-1]	see [74282-22-7]	-
[1059-14-9]	Taraxasterol	141
[1063-77-0]	Nomilin	102
[1124-11-4]	Ligustrazine	87
[1135-15-5]	Dihydroisoferulic acid	44
[1135-24-6]	see [537-98-4]	-
[1139-30-6]	(-)-Caryophyllene oxide	28
[1178-24-1]	3,3',4',5,6,7,8-Heptamethoxyflavone	71
[1180-71-8]	Limonin	87
[1245-15-4]	Quercetin 3,3',4',7-tetramethylether	122
[1257-08-5]	(-)-Epicatechin 3-gallate	50
[1258-84-0]	Pristimerin	116
[1260-04-4]	Polygalic acid	115
[1260-17-9]	Carminic acid	27
[1358-76-5]	Koumine	85
[1362-42-1]	Absinthin	6
[1398-13-6]	see [17754-44-8]	-
[1398-78-3]	Cucurbitacin E-2-O-glucoside	37
[1405-86-3]	Glycyrrhizin	67
[1415-73-2]	Aloin A	10
[1429-30-7]	Petunidin chloride	110
[1435-55-8]	(+)-Dihydroquinidine	45
[1447-88-7]	Hispidulin	72
[1449-05-4]	18α-Glycyrrhetinic acid	67
[1453-93-6]	Protopanaxatriol	118
[1504-74-1]	2-Methoxycinnamaldehyde	94
[1617-53-4]	Amentoflavone	11
[1619-16-5]	Hydroxyvalerenic acid	76
[1754-62-7]	Methyl trans-cinnamate	95
[1775-97-9]	Flavokawain B	56
[1782-55-4]	see [110642-42-7]	-
[1802-12-6]	Phytolaccagenin	112
[1891-42-5]	Hulupinic acid	73
[1929-30-2]	see [24393-56-4]	-
[1953-04-4]	Galanthamine hydrobromide	58
[2009-24-7]	Xanthotoxol	154
[2034-69-7]	Daphnoretin	40
[2035-15-6]	(-)-Maackiain	91
[2107-76-8]	5,7-Dihydroxy 4-methylcoumarin	46
[2174-59-6]	5-Demethylnobiletin	42
[2216-51-5]	(-)-Menthol	94
[2222-07-3]	Cucurbitacin I	37
[2244-16-8]	(+)-Carvone	28
[2306-27-6]	Sinensetin	136
[2318-18-5]	Senkirkin	133
[2415-24-9]	Catalpol	29
[2444-46-4]	N-Vanillylnonamide	151
[2450-53-5]	3,5-Dicaffeoylquinic acid	44
[2468-21-5]	Catharanthine	29
[2469-34-3]	Senegenin	133
[2543-94-4]	Phellopterin	111
[2611-67-8]	Cyanidin 3,5-diglucoside chloride	38
[2643-85-8]	Oxypeucedanin hydrate	106
[2680-81-1]	Dehydrodiisoeugenol	41
[2752-64-9]	Mesaconitine	94
[2752-65-0]	Gambogic acid	58
[2763-96-4]	Muscimol	99
[2798-20-1]	Gardenin B	59

CAS #	Reference Substance	Page
[2883-98-9]	α-Asarone	16
[2934-97-6]	Tetrahydropalmatine	143
[2955-23-9]	(-)-Olivil	105
[2957-21-3]	Sakuranetin	128
[3064-05-9]	Cycloolivil	39
[3081-61-6]	L-Theanine	144
[3131-27-9]	Ginkgotoxin hydrochloride	62
[3155-48-4]	D,L-Kavain	85
[3184-74-5]	see N-Malonyl DL-tryptophan	92
[3371-27-5]	(-)-Gallocatechin	58
[3387-41-5]	Sabinene	127
[3420-72-2]	see [37951-13-6]	-
[3569-10-6]	Valerenic acid	150
[3570-62-5]	7-O-Methylwogonin	96
[3598-26-3]	Caffeoyl alcohol	25
[3650-09-7]	Carnosic acid	27
[3681-93-4]	Vitexin	152
[3681-99-0]	Puerarin	120
[3690-05-9]	p-Coumaroyl alcohol	35
[3877-86-9]	Cucurbitacin D	37
[3895-92-9]	Chelerythrine chloride	31
[3902-71-4]	Trioxsalen	147
[3952-98-5]	Sinigrin potassium salt	136
[4023-65-8]	trans-Aconitic acid	8
[4136-37-2]	Stachydrine chloride	139
[4176-97-0]	14-Deoxyandrographolide	43
[4180-23-8]	trans-Anethole	12
[4192-90-9]	Trilobatin	147
[4233-96-9]	(-)-Gallocatechin 3-gallate	58
[4261-42-1]	Homoorientin	72
[4339-71-3]	see [10083-24-6]	-
[4350-09-8]	5-Hydroxy L-tryptophan	75
[4373-41-5]	Maslinic acid	93
[4412-93-5]	Bakuchicin	20
[4449-51-8]	Cyclopamine	39
[4460-86-0]	Asarylaldehyde	16
[4481-62-3]	Betulonic acid	22
[4540-25-4]	Phyllalbine	111
[4547-24-4]	Corosolic acid	34
[4608-49-5]	Larixyl acetate	86
[4670-05-7]	Theaflavin	143
[4684-28-0]	Norscopolamine	103
[4695-62-9]	(+)-Fenchone	55
[4720-09-6]	Grayanotoxin I	68
[4773-96-0]	Mangiferin	93
[4849-90-5]	Aristolochic acid C	14
[4871-97-0]	Curcumol	37
[4963-01-3]	Isomitraphylline	80
[4970-26-7]	see [73069-26-8]	-
[5041-81-6]	Isoliquiritin	80
[5088-75-5]	Neoliquiritin	101
[5115-71-9]	Glucotropaeolin potassium salt	66
[5119-48-2]	Withaferin A	153
[5171-37-9]	Uncarine E	149
[5230-87-5]	Anisatin	12
[5273-86-9]	β-Asarone	16
[5289-74-7]	β-Ecdysone	48
[5304-71-2]	Morellic acid	98
[5373-11-5]	Luteolin 7-glucoside	90
[5392-40-5]	Citral	33
[5508-58-7]	Andrographolide	11
[5578-73-4]	Sanguinarine chloride	129
[5629-60-7]	Uncarine C	149
[5632-84-8]	see [25602-68-0]	-
[5655-61-8]	(-)-Bornyl acetate	23
[5843-65-2]	see [11041-94-4]	-
[5932-53-6]	6β-Hydroxytropinone	75
[5945-45-9]	Miliacin	96
[5945-50-6]	Monotropein	98
[5956-60-5]	Berberine chloride dihydrate	21
[5957-80-2]	Carnosol	28
[5968-70-7]	3-O-Acetyl β-boswellic acid	6
[5978-81-4]	Apoatropine hydrochloride	13
[5986-55-0]	Patchouli alcohol	109
[6014-81-9]	Cephaeline dihydrobromide	30
[6020-18-4]	Coptisin chloride	34
[6027-43-6]	Aspalathin	16
[6028-07-5]	Harmalol hydrochloride	69
[6040-19-3]	Cucurbitacin A	36
[6078-17-7]	Berbamine dihydrochloride	21
[6080-33-7]	Sinomenine hydrochloride	136
[6106-81-6]	Scopolamine N-oxide hydrobromide	131
[6138-41-6]	Trigonelline chloride	146
[6147-11-1]	Mangostin	93
[6151-25-3]	Quercetin dihydrate	121

CAS #	Reference Substance	Page
[6192-62-7]	Tomatidine hydrochloride	145
[6199-67-3]	Cucurbitacin B	36
[6209-65-0]	Heliotrine N-oxide	71
[6379-73-3]	Carvacrol methyl ether	28
[6426-43-3]	Taraxasterol acetate	141
[6483-15-4]	Sophocarpine	137
[6484-80-6]	Sinapine chloride	136
[6485-40-1]	(-)-Carvone	28
[6681-15-8]	Jatrorrhizine chloride	83
[6681-18-1]	Magnoflorine chloride	91
[6730-83-2]	Kaurenoic acid	84
[6753-98-6]	α-Humulene	73
[6754-16-1]	Dehydrotumulosic acid	41
[6754-58-1]	Xanthohumol	154
[6805-41-0]	Escin	52
[6807-83-6]	Trifolirhizin	146
[6807-92-7]	see [80546-88-9]	-
[6812-81-3]	Roburic acid	126
[6859-01-4]	Isorhynchophylline	81
[6870-67-3]	Jacobine	82
[6879-01-2]	Tuberostemonine	148
[6882-68-4]	Sophoridine	138
[6894-43-5]	Kahweol	84
[6900-87-4]	Hypaconitine	76
[6902-77-8]	Genipin	60
[6902-91-6]	Germacrone	61
[6906-38-3]	Delphinidin 3-glucoside chloride	42
[6906-39-4]	Peonidin 3-glucoside chloride	110
[6926-08-5]	Harpagide	70
[6926-14-3]	8-Acetylharpagide	7
[6988-81-4]	Petunidin 3-glucoside chloride	110
[6989-24-8]	Bayogenin	21
[6991-10-2]	Swertisin	140
[7084-24-4]	Cyanidin 3-glucoside chloride	38
[7085-55-4]	Tris-O-(2-hydroxyethyl)rutin	147
[7174-27-8]	Vasicine hydrochloride	151
[7215-44-3]	see [18609-17-1]	-
[7228-78-6]	Malvidin 3-glucoside chloride	92
[7362-37-0]	trans-Sinapic acid	136
[7380-40-7]	Bergamottin	21
[7400-08-0]	see [501-98-4]	-
[7431-77-8]	see [6484-80-6]	-
[7431-83-6]	Quercetin 3-gentiobioside	121
[7432-28-2]	Schisandrol A	130
[7437-55-0]	8-Geranyloxypsoralen	61
[7518-22-1]	Araloside A	13
[7562-61-0]	(+)-Usnic acid	150
[7689-03-4]	Camptothecin	27
[7755-01-3]	Protopanaxadiol	118
[7770-78-7]	Arctigenin	14
[7787-20-4]	(-)-Fenchone	55
[10083-24-6]	trans-Piceatannol	112
[10176-66-6]	Nevadensin	102
[10236-47-2]	Naringin	100
[10285-06-0]	Intermedine	78
[10285-07-1]	Lycopsamine	90
[10338-51-9]	Salidroside	128
[10351-88-9]	Phyllanthin	111
[10597-60-1]	Hydroxytyrosol	75
[10605-02-4]	Palmatine chloride	107
[11021-13-9]	Ginsenoside Rb2	62
[11021-14-0]	Ginsenoside Rc	63
[11027-63-7]	Agnuside	8
[11028-00-5]	Bacoside A	19
[11041-94-4]	Higenamine hydrochloride	72
[11051-90-4]	Condurango glycoside A	33
[11079-53-1]	see [238074-03-8]	-
[11088-09-8]	Wilforine	153
[11141-17-6]	Azadirachtin	19
[12798-51-5]	Teucrin A	143
[13063-04-2]	Nitidine chloride	102
13137-64-9	Periplocin	110
[13161-75-6	Pteryxin	120
[13220-57-0]	Tryptanthrine	148
[13241-28-6]	Chrysophanol 8-glucoside	31
[13241-32-2]	Neoeriocitrin	101
[13241-33-3]	Neohesperidin	101
[13268-67-2]	Senecionine N-oxide	132
[13395-02-3]	Aristolactam	14
[13405-60-2]	β-Glucogallin	65
[13463-28-0]	Eriocitrin	52
[13476-25-0]	Linderane	88
[13552-72-2]	(+)-Isocorydine hydrochloride	79
[13849-08-6]	(+)-Marmesin	93
[14017-71-1]	see [73069-25-7]	-

CAS #	Reference Substance	Page
[14062-59-0]	Glucofrangulin B	65
[14073-97-3]	(-)-Menthone	94
[14101-04-3]	Frangulin B	57
[14113-05-4]	10-Hydroxy 2-decenoic acid	74
[14144-06-0]	Trillin	147
[14197-60-5]	Ginsenoside Rg3	63
[14215-86-2]	Sweroside	140
[14216-03-6]	Hederacoside C	70
[14259-45-1]	Asperuloside	17
[14259-46-2]	Narirutin	100
[14259-47-3]	Didymin	44
[14259-55-3]	Deacetylasperulosidic acid	40
[14534-61-3]	4,5-Dicaffeoylquinic acid	44
[14755-02-3]	trans-m-Coumaric acid	35
[14937-32-7]	1,2,3,4,6-Pentagalloyl β-D-glucose	110
[14941-08-3]	Poncirin	115
[14965-08-3]	Gossypetin 3,3',8-trimethylether	67
[15121-94-5]	Primin	116
[15291-75-5]	Ginkgolide A	62
[15291-76-6]	Ginkgolide C	62
[15291-77-7]	Ginkgolide B	62
[15345-89-8]	Desmethoxyyangonin	43
[15503-86-3]	Retrorsine N-oxide	124
[15592-34-4]	Glucoiberin potassium salt	65
[15592-36-6]	Glucocheirolin potassium salt	65
[15592-37-7]	Glucoerucin potassium salt	65
[15674-58-5]	Delphinidin 3-rutinoside chloride	42
[15991-59-0]	Coniine hydrochloride	33
[16411-05-5]	Sinalbin potassium salt	136
[16503-32-5]	Brevilin A	24
[16727-30-3]	Malvidin 3,5-diglucoside chloride	92
[16830-15-2]	Asiaticoside	16
[16837-52-8]	Oxymatrine	106
[16839-98-8]	Noratropine	102
[17019-92-0]	11-keto-β-Boswellic acid	23
[17306-46-6]	Rhoifolin	125
[17334-58-6]	Pelargonidin 3,5-diglucoside chloride	109
[17365-11-6]	Theogallin	144
[17388-39-5]	Swertiamarine	140
[17391-18-3]	Corynoxine B	35
[17406-45-0]	Tomatine	145
[17413-38-6]	Aristolochic acid D	15
[17575-22-3]	Lanatoside C	86
[17605-67-3]	Fucosterol	57
[17617-45-7]	Picrotoxinin	112
[17650-84-9]	Kaempferol 3-rutinoside	84
[17670-06-3]	Delphinidin 3,5-diglucoside chloride	42
[17676-33-4]	Neoruscogenin	101
[17676-33-4]	see also Ruscogenin/Neoruscogenin mixture	127
[17680-84-1]	Hispidulin 7-glucoside	72
[17754-44-8]	Atractyloside	18
[17795-26-5]	L-(±)-Alliin	10
[17912-87-7]	Myricitrin	99
[17939-31-0]	Californidine perchlorate	25
[17957-94-7]	(+)-Menthofuran	94
[17990-42-0]	Oleanonic acid	104
[17994-15-9]	Sempervirine nitrate	132
[18059-10-4]	Peiminine	109
[18085-97-7]	Jaceosidin	82
[18296-44-1]	Valtrate	150
[18376-31-3]	Cyanidin 3-sophoroside chloride	38
[18425-76-8]	Gluconasturtiin potassium salt	65
[18444-66-1]	Cucurbitacin E	37
[18449-41-7]	Madecassic acid	91
[18466-51-8]	Pelargonidin 3-glucoside chloride	109
[18483-17-5]	1,3,6-Trigalloyl β-D-glucose	146
[18490-95-4]	Brevifolincarboxylic acid	24
[18524-94-2]	Loganin	89
[18609-17-1]	Quercetin 3-sophoroside	122
[18642-23-4]	Psoralidin	120
[18642-44-9]	Actein	8
[18649-93-9]	Alisol B	9
[18674-16-3]	Alisol A 24-acetate	9
[18719-76-1]	Cyanidin 3-rutinoside chloride	38
[18786-24-8]	see [58782-36-8]	-
[18797-79-0]	Corynoline	35
[18829-70-4]	(-)-Catechin	29
[18916-17-1]	Naringin dihydrochalcone	100
[18942-26-2]	Chebulinic acid	30
[18956-15-5]	2',6'-Dihydroxy 4'-methoxychalcone	46
[19057-60-4]	Dioscin	47
[19057-67-1]	Prosapogenin A	117
[19083-00-2]	Gracillin	68
[19086-75-0]	Castalin	29
[19121-58-5]	α-Solasonine	137
[19210-12-9]	Harpagoside	70
[19309-14-9]	Cardamomin	27
[19408-84-5]	Dihydrocapsaicin	44
[19467-03-9]	Melittoside	94
[19666-76-3]	Panaxadiol	107
[19870-46-3]	1,5-Dicaffeoylquinic acid	43
[19879-30-2]	Bavachinin	20
[19879-32-4]	Bavachin	20
[19885-10-0]	Alisol A	9
[19902-91-1]	Dihydromethysticin	45
[20137-37-5]	Rotundic acid	126
[20183-47-5]	Tenuifolin	142
[20229-56-5]	Spiraeoside	138
[20231-81-6]	Uzarin	150
[20243-59-8]	Luteolin 7-methyl ether	90
[20261-38-5]	Ginkgolic acid C13:0	61
[20267-93-0]	Echinatine N-oxide	48
[20283-92-5]	Rosmarinic acid	126
[20310-89-8]	Saponarin	129
[20311-51-7]	α-Solamargine	137
[20315-25-7]	Procyanidin B1	117
[20316-62-5]	Tiliroside	145
[20362-31-6]	Arctiin	14
[20375-37-5]	see [36417-86-4]	-
[20516-23-8]	(+)-Peucedanol	111
[20554-84-1]	Parthenolide	108
[20554-95-4]	Faradiol	54
[20562-02-1]	α-Solanine	137
[20562-03-2]	α-Chaconine	30
[20575-57-9]	Calycosin	26
[20633-67-4]	Calycosin 7-glucoside	26
[20649-40-5]	see [3690-05-9]	-
[20702-77-6]	Neohesperidin dihydrochalcone	101
[20736-08-7]	Saikosaponin C	128
[20736-09-8]	Saikosaponin A	128
[20784-50-3]	Isobavachalcone	78
[20831-76-9]	Gentiopicroside	60
[20853-07-0]	Protoescigenin	118
[20874-52-6]	Saikosaponin D	128
[21018-84-8]	Amarogentin	11
[21082-33-7]	Orcinol β-D-glucoside	105
[21087-74-1]	Epiprogoitrin potassium salt	51
[21087-77-4]	Progoitrin potassium salt	117
[21087-78-5]	Glucobarbarin potassium salt	64
[21087-98-9]	Koenimbine	85
[21104-28-9]	Mahanimbine	92
[21133-53-9]	Glucofrangulin A	65
[21392-57-4]	5,7-Dimethoxyflavone	46
[21414-41-5]	Glucoraphanin potassium salt	65
[21967-41-9]	Baicalin	20
[22007-72-3]	Quercetin 7-rhamnoside	122
[22139-77-1]	Pinosylvin	113
[22149-35-5]	Kaempferol 3-gentiobioside	84
[22255-13-6]	Guaiaverin	68
[22255-40-9]	Loganic acid	89
[22368-21-4]	Eupatilin	54
[22419-74-5]	Incensole	77
[22427-39-0]	Ginsenoside Rg1	63
[22467-07-8]	Gymnemagenin	69
[22567-36-8]	Bisabolol oxide A	23
[22608-11-3]	Demethoxycurcumin	42
[22688-79-5]	Quercetin 3-glucuronide	122
[22888-70-6]	Silybin A	135
[22888-70-6]	see also Silybin (A + B mixture)	135
[22910-60-7]	Ginkgolic acid C15:1	61
[23057-55-8]	(-)-Sophoranone	137
[23089-26-1]	(-)-α-Bisabolol	22
[23094-69-1]	Corilagin	34
[23094-71-5]	Chebulagic acid	30
[23180-57-6]	Paeoniflorin	107
[23283-97-8]	(+)-Isomenthol	80
[23313-21-5]	Emodin 8-glucoside	50
[23458-02-8]	Decursinol	41
[23496-41-5]	Peimine	109
[23513-08-8]	8-Gingerol	61
[23513-14-6]	6-Gingerol	61
[23513-15-7]	10-Gingerol	61
[23567-23-9]	Procyanidin B3	117
[23599-69-1]	Norisoboldine	103
[23666-13-9]	Vicenin II	151
[23720-80-1]	Nardosinone	99
[23800-56-8]	Pogostone	114
[24123-92-0]	Koenigicine	85
[24211-30-1]	Farrerol	55
[24312-00-3]	Castalagin	28

CAS #	Reference Substance	Page
[24393-56-4]	trans-p-Methoxycinnamic acid ethyl ester	94
[24394-09-0]	Cnicin	33
[24512-63-8]	Geniposide	60
[24699-16-9]	Isomangiferin	80
[24735-18-0]	Leonurine hydrochloride	87
[24815-24-5]	Rescinnamine	124
[25166-14-7]	2,3-Dehydrosilybin A	41
[25368-11-0]	Asperulosidic acid	17
[25406-64-8]	Morroniside	98
[25515-46-2]	Naringenin chalcone	99
[25522-33-2]	trans-Isoferulic acid	79
[25602-68-0]	Nortropinone hydrochloride	103
[25694-72-8]	Lonicerin	89
[25905-14-0]	Lavandulyl acetate	86
[26091-73-6]	see [737-52-0]	-
[26091-79-2]	Byakangelicol	24
[26116-89-2]	Rhodojaponin II	125
[26166-37-0]	Denudatine	43
[26339-90-2]	Escin IB	52
[26543-89-5]	Hinokinin	72
[26544-34-3]	Apiin	13
[26575-95-1]	Alisol B 23-acetate	9
[26833-87-4]	Homoharringtonine	72
[26904-64-3]	Oxysophocarpine	107
[27013-91-8]	α-Hederin	70
[27174-07-8]	trans-Coutaric acid	36
[27200-12-0]	Dihydromyricetin	45
[27208-80-6]	trans-Polydatin	114
[27215-14-1]	Neoandrographolide	100
[27409-30-9]	Picroside I	112
[27548-93-2]	Baccatin III	19
[27570-38-3]	Withanone	153
[27661-36-5]	Cyanidin 3-galactoside chloride	38
[27661-51-4]	Kaempferol 3-sambubioside	84
[27740-01-8]	Scutellarin	131
[27741-01-1]	Geniposidic acid	60
[27750-13-6]	(-)-Hydroxycitric acid lactone	74
[27782-63-4]	Santin	129
[27975-19-5]	Isosteviol	82
[27994-11-2]	Cimigenol 3-β-D-xyloside	32
[28282-25-9]	β-Elemonic acid	49
[28282-27-1]	see α,β-Elemolic acid	49
[28282-54-4]	see α,β-Elemolic acid	49
[28371-16-6]	Aloin B	10
[28448-85-3]	Bavachalcone	20
[28463-23-2]	see [245550-64-5]	-
[28500-00-7]	Delphinidin 3-galactoside chloride	42
[28543-07-9]	Theaflavin 3'-gallate	144
[28608-75-5]	Orientin	105
[28649-59-4]	Euphorbiasteroid	54
[28789-35-7]	Nordihydrocapsaicin	103
[28808-62-0]	Fraxinellone	57
[28831-65-4]	Lithospermic acid	88
[28957-04-2]	Oridonin	105
[28978-02-1]	Pectolinarin	109
[29070-92-6]	Pachymic acid	107
[29106-36-3]	(+)-Eudesmin	53
[29106-49-8]	Procyanidin B2	117
[29388-59-8]	(-)-Secoisolariciresinol	132
[29399-11-9]	see N-Malonyl DL-tryptophan	92
[29424-96-2]	Naringenin 4',7-dimethylether	100
[29477-83-6]	Narciclasine	99
[29479-00-3]	Tabersonine hydrochloride	141
[29536-41-2]	Eupalitin	53
[29700-22-9]	trans-Oxyresveratrol	107
[29706-59-0	Lucidin 3-primeveroside	89
[29741-09-1]	Apigenin 7-glucuronide	13
[29741-10-4]	Luteolin 7-glucuronide	90
[29782-68-1]	Silydianin	135
[29836-27-9]	Shanzhiside	134
[29838-67-3]	Astilbin	17
[29883-15-6]	Amygdalin	11
[29884-49-9]	Astringin	17
[30113-37-2]	Malvidin 3-galactoside chloride	92
[30197-14-9]	Desoxyrhaponticin	43
[30311-61-6]	Quercetin 3-rutinoside 7-glucoside	122
[30462-34-1]	Theaflavin 3-gallate	144
[30462-35-2]	Theaflavin 3,3'-digallate	143
[30964-13-7]	Cynarin	39
[31002-12-7]	7-O-Methylmangiferin	95
[31008-18-1]	Magnolin	91
[31008-19-2]	Fargesin	55
[31271-07-5]	γ-Mangostin	93
[31297-79-7]	Arjunetin	15
[31298-06-3]	Arjunic acid	15

CAS #	Reference Substance	Page
[31721-94-5]	5,7-Dihydroxychromone	45
[32142-31-7]	Vanillic acid 4-β-D-glucoside	150
[32449-98-2]	Khasianine	85
[32507-66-7]	Isorhapontigenin	81
[32619-42-4]	Oleuropein	105
[32791-84-7]	Panaxatriol	108
[32911-62-9]	Withanolide A	153
[32981-86-5]	10-Deacetylbaccatin III	40
[33012-73-6]	Cyanidin 3-sambubioside chloride	38
[33069-62-4]	Taxol	142
[33171-05-0]	Bisdemethoxycurcumin	23
[33279-57-1]	k-Strophanthoside	139
[33286-30-5]	Carboxyatractyloside	27
[33289-85-9]	Dipsacoside B	47
[33390-42-0]	Gartanin	59
[33457-62-4]	Alnustone	10
[33464-71-0]	Tracheloside	145
[33570-04-6]	(-)-Bilobalide	22
[33676-00-5]	Hypophyllanthin	76
[33708-72-4]	Pachypodol	107
[33889-69-9]	Silychristin	135
[34157-83-0]	Celastrol	30
[34175-96-7]	Pterosin B	120
[34221-41-5]	Echinatin	48
[34298-86-7]	Rhein 8-glucoside	125
[34316-15-9]	see [3895-92-9]	-
[34367-04-9]	Ginsenoside Ro	64
[34420-19-4]	Lathyrol	86
[34540-22-2]	Madecassoside	91
[34701-53-6]	Incensole acetate	77
[35109-95-6]	Vitexin 7-glucoside	152
[35237-02-6]	Urushiol (15:1)	149
[35241-54-4]	2',6'-Dihydroxy 4',4-dimethoxydihydrochalcone	46
[35241-55-5]	2',6'-Dihydroxy 4'-methoxydihydrochalcone	46
[35286-58-9]	Ziyuglycoside I	155
[35286-59-0]	Ziyuglycoside II	155
[35302-70-6]	Pinosylvin monomethyl ether	113
[35337-98-5]	Monocrotaline N-oxide	98
[35354-74-6]	Honokiol	73
[35399-32-7]	Eupalitin 3-galactoside	54
[35730-78-0]	Cynaropicrin	39
[35740-18-2]	(+/-)-Heraclenin	71
[35825-57-1]	Cryptotanshinone	36
[36001-47-5]	Vescalagin	151
[36052-37-6]	Alpinetin	10
[36062-04-1]	Tetrahydrocurcumin	143
[36062-05-2]	Hexahydrocurcumin	72
[36417-86-4]	N-trans-p-Coumaroyltyramine	36
[36700-45-5]	8-Shogaol	134
[36752-54-2]	10-Shogaol	135
[36804-17-8]	Silybin (A + B mixture)	135
[36948-76-2]	Oroxylin A 7-glucuronide	106
[37064-30-5]	Procyanidin C1	117
[37239-47-7]	Wilforgine	152
[37271-16-2]	Sennoside C	133
[37308-75-1]	Flavokawain C	56
[37921-38-3]	Cimifugin	32
[37951-13-6]	Flavokawain A	56
[38395-02-7]	Caudatin	30
[38412-46-3]	Aloenin A	10
[38647-11-9]	Triptonide	147
[38665-01-9]	Neodiosmin	100
[38710-25-7]	Jacobine N-oxide	82
[38710-26-8]	Seneciphylline N-oxide	132
[38748-32-2]	Triptolide	147
[38953-85-4]	Isovitexin	82
[39011-90-0]	Albiflorin	9
[39011-91-1]	Oxypaeoniflorin	106
[39012-20-9]	Picroside II	112
[39015-77-5]	Caffeoylmalic acid	25
[39025-23-5]	Guggulsterone Z	69
[39025-24-6]	Guggulsterone E	69
[39262-14-1]	Ginsenoside C-K	62
[39432-56-9]	Eleutheroside E	49
[39524-08-8]	Asperosaponin VI	16
[39739-38-3]	see [80546-88-9]	-
[40158-95-0]	Erucifoline	52
[40246-10-4]	Glycitin	67
[40957-83-3]	Glycitein	66
[41059-79-4]	Timosaponin A III	145
[41060-15-5]	Neobavaisoflavone	100
[41060-16-6]	Panicolin	108
[41093-60-1]	Steviolbioside	139
[41093-89-4]	Echimidine N-oxide	48
[41365-32-6]	Cirsilineol	33

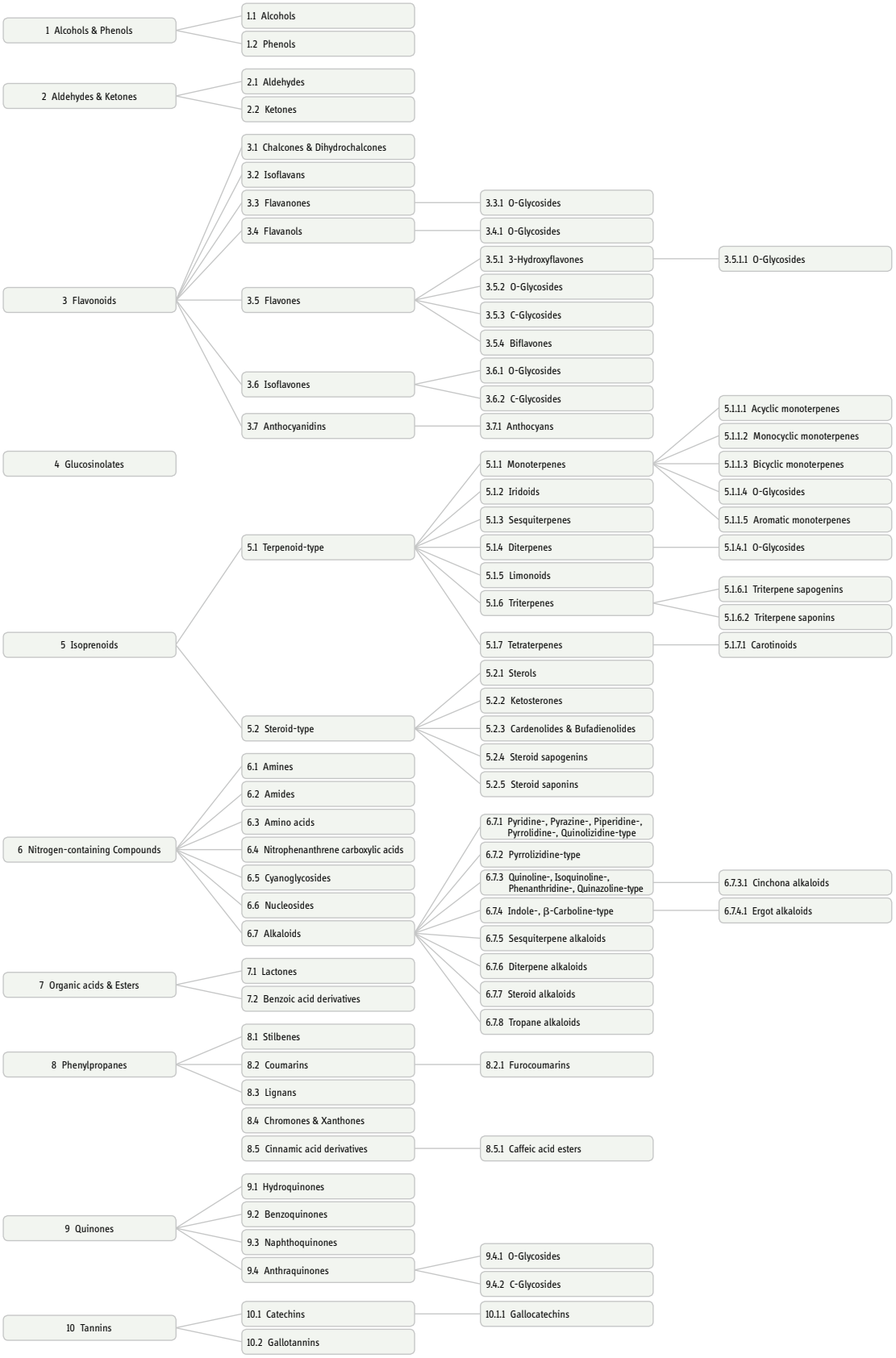
CAS #	Reference Substance	Page
[41708-76-3]	Indicine N-oxide	77
[41743-41-3]	Procyanidin A2	117
[41743-73-1]	Irisflorentin	78
[41753-43-9]	Ginsenoside Rb1	62
[42553-65-1]	Crocin	36
[42719-32-4]	Pedunculoside	109
[42895-58-9]	14-Deoxy 11,14-didehydroandrographolide	43
[43053-62-9]	Umckalin	149
[50656-77-4]	Niranthin	102
[50773-42-7]	Formosanin C	56
[50816-24-5]	Hastatoside	70
[50933-59-0]	Ruscogenin/Neoruscogenin mixture	127
[51059-44-0]	Wogonoside	154
[51330-27-9]	Soyasaponin Bb	138
[51415-02-2]	Chikusetsusaponin IVa	31
[51768-38-8]	3-Methyl ellagic acid	95
[51938-32-0]	Schaftoside	130
[52012-29-0]	Isoschaftoside	81
[52286-58-5]	Ginsenoside Rf	63
[52286-59-6]	Ginsenoside Re	63
[52286-74-5]	Ginsenoside Rg2	63
[52613-28-2]	Deacetylasperulosidic acid methyl ester	40
[52617-37-5]	Ponicidin	115
[52659-56-0]	Kirenol	85
[52705-93-8]	Ginsenoside Rd	63
[52946-22-2]	1'-Acetoxychavicol acetate	6
[52949-83-4]	Ajugol	9
[53158-73-9]	Delphinidin 3-sambubioside chloride	42
[53209-27-1]	2''-Galloylhyperin	58
[53452-16-7]	Vaccarin	150
[53527-42-7]	Luteolin 3'-glucuronide	90
[53596-71-7]	2',4'-Dihydroxydihydrochalcone	45
[53823-08-8]	Cascaroside A	28
[53833-85-5]	Sabinyl acetate	127
[53846-50-7]	8-Prenylnaringenin	116
[53947-92-5]	Corylin	34
[53956-04-0]	Glycyrrhizin ammonium salt	67
[53965-08-5]	Luteolin 3',7-di-O-glucuronide	90
[54723-08-9]	Calvatic acid	26
[55033-90-4]	Isorhamnetin 3-neohesperidoside	81
[55056-80-9]	Protodioscin	118
[55366-56-8]	Hibifolin	72
[55449-49-5]	Anisodamine hydrobromide	12
[55466-04-1]	Jujuboside A	83
[55466-05-2]	Jujuboside B	83
[55481-88-4]	Mollugin	97
[55750-84-0]	Crocin 2	36
[55954-61-5]	Pseudohypericin	119
[56725-99-6]	Icariside I	76
[56798-34-6]	see [37308-75-1]	-
[56973-41-2]	Withanolide B	153
[57186-11-5]	see [111613-04-8]	-
[57378-72-0]	3,4-Dicaffeoylquinic acid	43
[57393-71-2]	4',5,7-Trihydroxy 3,6,8-trimethoxyflavone	146
[57396-78-8]	Baicalein 7-glucoside	20
[57420-46-9]	8-Acetylshanzhiside methyl ester	8
[57817-89-7]	Stevioside	139
[58130-91-9]	4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone	146
[58316-41-9]	Saikosaponin B2	128
[58461-27-1]	Lavandulol	86
[58479-68-8]	Platycodin D	114
[58543-16-1]	Rebaudioside A	123
[58543-17-2]	Rebaudioside B	123
[58546-34-2]	Hemslecin A	71
[58546-54-6]	Schisandrol B	130
[58546-55-7]	Schisantherin B	130
[58546-56-8]	Schisantherin A	130
[58558-08-0]	Saikosaponin B1	128
[58749-22-7]	Licochalcone A	87
[58782-36-8]	Serpentine hydrogen tartrate	133
[58822-47-2]	Secoxyloganin	132
[58880-25-4]	Arjungenin	15
[59870-68-7]	Glabridin	64
[59914-91-9]	Vicenin III	152
[60124-17-6]	12-Deoxywithastramonolide	43
[60125-24-8]	see [1504-74-1]	-
[60450-21-7]	Morindin	98
[60539-23-3]	Oleoside 11-methyl ester	104
[60976-49-0]	Geraniin	60
[61276-17-3]	Verbascoside	151
[61281-37-6]	Schizandrin B	130
[61281-38-7]	Schizandrin A	130
[61301-33-5]	Schizandrin C	131
[61303-13-7]	Isoverbascoside	82
[61360-94-9]	Vitexin 2''-glucoside	152
[61371-55-9]	Griffonilide	68
[61451-85-2]	3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone	143
[61825-98-7]	Sipeimine	136
[62201-71-2]	12-O-Methylcarnosic acid	95
[62218-08-0]	ε-Viniferin	152
[62218-23-9]	3,3'-Di-O-methylellagic acid 4'-xylopyranoside	46
[62499-27-8]	Gastrodin	59
[62499-28-9]	Parishin	108
[62596-29-6]	Morusin	98
[62956-48-3]	Gomisin G	67
[63223-86-9]	Ginsenoside Rh1	64
[63279-13-0]	Rebaudioside D	123
[63279-14-1]	Rebaudioside E	123
[63492-69-3]	Griffonin	68
[63550-99-2]	Rebaudioside C	123
[63902-38-5]	Pinoresinol diglucoside	113
[63968-64-9]	Artemisinin	15
[64421-28-9]	Shanzhiside methyl ester	134
[64432-06-0]	Dulcoside A	47
[64657-21-2]	Isoforskolin	79
[64809-67-2]	Neomangiferin	101
[64820-99-1]	Vitexin 2''-rhamnoside	152
[64849-39-4]	Rubusoside	127
[64977-89-5]	Steviol 19-glucoside	139
[65312-86-9]	Primulic acid I	116
[65497-07-6]	Esculentoside A	52
[65582-53-8]	Europine N-oxide	54
[65877-43-2]	see [500-65-2]	-
[65995-63-3]	Punicalagin (A + B mixture)	120
[65995-64-4]	Punicalin (A + B mixture)	121
[66575-29-9]	Forskolin	56
[66575-30-2]	Sennoside A1	133
[66648-43-9]	N-trans-Feruloyltyramine	55
[66648-50-8]	Ethyl trans-caffeate	53
[66791-77-3]	(-)-Syringaresinol 4,4'-di-O-βD-glucoside	140
[67416-61-9]	3-O-Acetyl 11-keto-β-boswellic acid	7
[67604-48-2]	Naringenin	99
[67858-30-4]	3',4',5'-Trimethoxyflavone	147
[67879-58-7]	Caftaric acid	25
[67920-52-9]	3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt	46
[67979-25-3]	Aurantio-obtusin	18
[68124-04-9]	Paris VII	108
[68236-13-5]	6-Prenylnaringenin	115
[68406-26-8]	Ginsenoside Rb3	63
[69222-59-9]	see [27174-07-8]	-
[69251-96-3]	Pinoresinol 4-glucoside	113
[69363-14-0]	Schisanhenol	130
[69475-26-9]	see [6078-17-7]	-
[69884-00-0]	Pseudoginsenoside F11	119
[70831-56-0]	Chicoric acid	31
[70872-29-6]	Isoxanthohumol	82
[71627-22-0]	Pipermethystine	114
[71953-77-0]	Leiocarposide	87
[72063-39-9]	Spinosin	138
[72463-77-5]	see (+/-)-Praeruptorin C	115
[72520-92-4]	Paeonolide	107
[72581-71-6]	Isosilybin (A + B mixture)	81
[72755-25-0]	Senecivernine	132
[72944-19-5]	Artepillin C	15
[73030-71-4]	Atractylenolide III	18
[73069-13-3]	Atractylenolide I	17
[73069-14-4]	Atractylenolide II	18
[73069-25-7]	(+/-)-Praeruptorin A	115
[73069-26-8]	(+/-)-Praeruptorin B	115
[73069-27-9]	see [73069-25-7]	-
[73069-28-0]	see [73069-26-8]	-
[73544-48-6]	7-Acetyllycopsamine	7
[73692-50-9]	see [25515-46-2]	-
[74243-01-9]	7-Acetylintermedine	7
[74282-22-7]	trans-Fertaric acid	55
[74285-86-2]	Triptophenolide	147
[74639-14-8]	Liquiritin apioside	88
[74805-90-6]	Methylophiopogonone A	96
[74805-91-7]	Methylophiopogonanone B	96
[74805-92-8]	Methylophiopogonanone A	96
[75288-96-9]	Kukoamine A	85
[75330-75-5]	Monacolin K	97
[75917-90-7]	see [866602-52-0]	-
[76231-76-0]	α,β-Thujone	144
[76554-24-0]	see [1775-97-9]	-
[76656-80-9]	see [139891-98-8]	-
[76822-34-9]	Anisodine hydrobromide	12
[76996-27-5]	Garcinone C	59
[77012-31-8]	9-Dehydropachymic acid	41
[77228-71-8]	see [33286-30-5]	-

CAS #	Reference Substance	Page
[77448-63-6]	see [866602-52-0]	-
[77690-92-7]	see [319480-84-7]	-
[77756-22-0]	Enterodiol	50
[78214-33-2]	Ginsenoside Rh2	64
[78281-02-4]	Hydroxysafflor yellow A	75
[78285-90-2]	Eclalbasaponin II	49
[78417-26-2]	3',5,7-Trihydroxy 4',5',6-trimethoxyflavone	146
[78473-71-9]	Enterolactone	50
[78478-28-1]	see (+/-)-Praeruptorin C	115
[78574-94-4]	Cycloastragenol	38
[79185-75-4]	7-Hydroxyaristolochic acid I	74
[79916-77-1]	Forsythoside A	56
[79974-46-2]	Tribulosin	146
[80154-34-3]	Helicid	70
[80225-53-2]	Rosmanol	126
[80321-69-3]	Gypenoside XVII	69
[80358-06-1]	Tinnevellin glucoside	145
[80418-24-2]	Notoginsenoside R1	103
[80418-25-3]	Notoginsenoside R2	103
[80546-88-9]	Cucurbitin chloride	37
[80665-72-1]	Fuziline	58
[80681-42-1]	5-O-Methylvisamminol	96
[80681-44-3]	sec-O-Glucosylhamaudol	66
[80681-45-4]	Prim-O-glucosylcimifugin	116
[81397-67-3]	see [84638-55-1]	-
[81525-13-5]	Forsythoside B	56
[81720-05-0]	Rehmannioside A	123
[81907-61-1]	Ganoderic acid B	59
[81907-62-2]	Ganoderic acid A	59
[81944-09-4]	Z-Ligustilide	87
[81991-99-3]	Lancerin	86
[82209-74-3]	Andrograpanin	11
[82373-94-2]	2,3,4',5-Tetrahydroxystilbene 2-glucoside	143
[82451-20-5]	Negundoside	100
[82508-31-4]	Pseudolaric acid B	119
[82508-32-5]	Pseudolaric acid A	119
[82601-41-0]	Pseudolaric acid C	119
[82854-37-3]	Echinacoside	48
[83258-37-1]	Urushiol (15:2)	149
[83543-37-7]	Urushiol (15:3)	150
[84104-71-2]	Wilforlide A	153
[84272-85-5]	4'-O-β-D-Glucosyl 5-O-methylvisamminol	66
[84633-34-1]	Shatavarin IV	134
[84638-55-1]	Acetoxyvalerenic acid	6
[84676-89-1]	Astragaloside II	17
[84680-75-1]	Astragaloside I	17
[84687-42-3]	Astragaloside III	17
[84687-43-4]	Astragaloside IV	17
[84954-92-7]	Rosavin	126
[84954-93-8]	Rosarin	126
[85026-55-7]	Rosin	126
[85643-19-2]	Curculigoside	37
[85999-40-2]	Anemosapogenin	12
[86631-38-1]	Cinnamtannin A2	32
[86749-51-1]	Gossypetin 3-methylether	67
[86831-54-1]	Rhodiosin	125
[87095-74-7]	5-Hydroxy 1,7-diphenyl 6-hepten 3-one	74
[87099-73-8]	see [905-99-7]	-
[87205-99-0]	Dihydrotanshinone I	45
[87605-93-4]	Furanoeudesma 1,3-diene	58
[87686-74-6]	8-p-Coumaroylharpagide	35
[88100-04-3]	Notoginsenoside Fa	103
[88206-46-6]	Notopterol	103
[88497-87-4]	Manassantin A	92
[88497-88-5]	Manassantin B	93
[88901-36-4]	Mogroside V	97
[88901-37-5]	Mogroside III-E	97
[88930-15-8]	Mogrol	97
[89412-79-3]	Raddeanin A	123
[89590-95-4]	Mogroside IV	97
[89886-30-6]	see [57378-72-0]	-
[89886-31-7]	see [14534-61-3]	-
[89913-60-0]	3-O-Acetyl α-boswellic acid	6
[89919-62-0]	see [2450-53-5]	-
[93772-31-7]	Neogambogic acid	101
[94079-81-9]	Poliumoside	114
[94367-42-7]	9-O-Methylnissolin 3-O-glucoside	96
[94441-99-3]	2',6'-Dihydroxy 4',4-dimethoxychalcone	46
[94443-88-6]	Bacopaside X	19
[94492-24-7]	2'-Acetylacteoside	6
[94987-08-3]	Gypenoside XLIX	69
[95041-90-0]	Erianin	51
[95462-14-9]	Intermedine N-oxide	78
[95462-15-0]	Lycopsamine N-oxide	91
[96400-45-2]	Luteolin 7-diglucuronide	90

CAS #	Reference Substance	Page
[96574-01-5]	Salvianolic acid A	129
[96745-44-7]	Yatein	154
[96887-18-2]	5,7-Dihydroxy 3,3',4',5',6,8-hexamethoxyflavone	46
[96990-18-0]	Momordin Ic	97
[97230-46-1]	Picfeltarraenin IB	112
[97230-47-2]	Picfeltarraenin IA	112
[97457-31-3]	Qingdainone	121
[97938-30-2]	Sophoraflavanone G	137
[98474-78-3]	Pseudoginsenoside RT5	119
[98665-15-7]	Ganoderic acid F	59
[98891-41-9]	Pseudolaric acid B-glucopyranoside	119
[98891-44-2]	Pseudolaric acid A-glucopyranoside	119
[101140-06-1]	I3,II8-Biapigenin	22
[101687-28-9]	Senecivernine N-oxide	133
[102036-29-3]	Protosappanin B	118
[102040-03-9]	Tubeimoside I	148
[102489-93-0]	see [469-32-9]	-
[102489-94-1]	see [469-32-9]	-
[102518-79-6]	Huperzine A	73
[102841-42-9]	Mulberroside A	98
[103548-82-9]	Huperzine B	74
[103654-50-8]	Mirificin	97
[103883-03-0]	Procyanidin A1	116
[104012-37-5]	Tussilagone	148
[104112-82-5]	Phellodendrine chloride	111
[104472-68-6]	Typhaneoside	149
[104669-02-5]	Iriflophenone 3-C-glucoside	78
[104777-68-6]	Plantamajoside	114
[105471-98-5]	Calceolarioside B	25
[107316-88-1]	Demethylzeylasteral	42
[107390-08-9]	Garcinone D	59
[107438-79-9]	Ginkgolide J	62
[107534-93-0]	Macelignan	91
[107668-79-1]	Bulleyaconitine A	24
[107912-97-0]	Sibiricose A5	135
[108214-28-4]	16-O-Methylcafestol	95
[108340-60-9]	Ganoderic acid D	59
[108524-93-2]	Ilexsaponin A	77
[108844-81-1]	Glucoraphenin potassium salt	66
[110623-72-8]	Epimedin A	51
[110623-73-9]	Epimedin B	51
[110642-42-7]	trans-5-Hydroxyferulic acid	75
[110642-44-9]	Epimedin C	51
[111047-30-4]	Ginkgolic acid C17:1	61
[111613-04-8]	Cyanidin 3-arabinoside chloride	38
[112516-05-9]	Tubuloside A	148
[113473-30-3]	see [80546-88-9]	-
[113558-15-9]	Icariside II	77
[114240-18-5]	Puerarin 6''-xyloside	120
[114482-86-9]	Baicalein 7-diglucoside	20
[114567-34-9]	Boeravinone B	23
[114590-20-4]	Soyasaponin Ba	138
[114924-89-9]	Kaempferol 3-robinoside 7-glucoside	84
[115784-09-3]	Condurango glycoside E2	33
[115810-12-3]	Tubeimoside II	148
[115810-13-4]	Tubeimoside III	148
[115841-09-3]	Salvianolic acid C	129
[115909-22-3]	Angoroside C	12
[117047-07-1]	3'-Methoxypuerarin	95
[117060-54-5]	3'-Hydroxypuerarin	75
[117230-33-8]	Soyasaponin Aa	138
[117479-87-5]	Sesamoside	134
[118525-40-9]	Icaritin	77
[119425-89-7]	Loureirin A	89
[119425-90-0]	Loureirin B	89
[121521-90-2]	Salvianolic acid B	129
[121686-42-8]	Deacylgymnemic acid	40
[122651-20-1]	3-O-Acetyl 9,11-dehydro β-boswellic acid	7
[123748-68-5]	Escin IA	52
[123864-94-8]	Erucifoline N-oxide	52
[124076-60-4]	see [3690-05-9]	-
[125265-68-1]	Terminoloside	142
[125536-25-6]	Dracorhodin perchlorate	47
[126105-11-1]	11-Oxomogroside V	106
[126105-12-2]	Siamenoside I	135
[128232-62-2]	(+)-Catechin 5-gallate	29
[130405-40-2]	(-)-Catechin 3-gallate	29
[130518-17-1]	see [65995-63-3]	-
[130551-41-6]	Liriope muscari Saponin C	88
[130608-10-5]	see [65995-63-3]	-
[130848-06-5]	Decursinol angelate	41
[131189-57-6]	Cornuside	34
[131573-90-5]	Camelliaside B	26
[134418-28-3]	Dehydroandrographolide	41
[135095-52-2]	Camelliaside A	26

CAS #	Reference Substance	Page
[136656-07-0]	Timosaponin B II	145
[136849-88-2]	Macranthoidin B	91
[136997-64-3]	(-)-Syringaresinol 4-(2''-apiosylglucoside)	140
[137038-13-2]	(-)-Syringaresinol 4-O-β-D-glucoside	141
[139891-98-8]	3',6-Disinapoylsucrose	47
[140147-77-9]	Epimedin A1	51
[140360-29-8]	Macranthoidin A	91
[142796-21-2]	Isosilybin A	82
[142796-21-2]	see also Isosilybin (A + B mixture)	81
[142796-22-3]	Isosilybin B	82
[142796-22-3]	see also Isosilybin (A + B mixture)	81
[142796-24-5]	2,3-Dehydrosilybin B	41
[142797-34-0]	Silybin B	135
[142797-34-0]	see also Silybin (A + B mixture)	135
[142998-47-8]	Salvianolic acid D	129
[143231-38-3]	Glucobrassicin potassium salt	64
[143617-02-1]	Teupolioside	143
[145090-26-2]	see [80546-88-9]	-
[145090-29-5]	see [80546-88-9]	-
[149183-75-5]	Oleacein	104
[155450-31-0]	Glucosibarin	66
[156764-82-8]	Hosenkoside B	73
[156764-83-9]	Hosenkoside C	73
[156791-82-1]	Hosenkoside A	73
[156980-60-8]	Grosvenorine	68
[157201-76-8]	see [65995-64-4]	-
[157201-77-9]	see [65995-64-4]	-
[157408-08-7]	Bacoside A3	19
[158511-59-2]	Eclalbasaponin I	48
[158932-33-3]	Secoisolariciresinol diglucoside	132
[160896-49-1]	Hosenkoside K	73
[162857-78-5]	Polygalaxanthone III	115
[164991-67-7]	Kukoamine B	85
[174972-79-3]	Parishin B	108
[174972-80-6]	Parishin C	108
[177931-17-8]	Sauchinone	130
[178064-13-6]	Bacopasaponin C	19
[186763-78-0]	Ginsenoside Rg5	63
[189307-47-9]	N-Caffeoyl O-methyltyramine	25
[198014-94-7]	Bacosine	20
[202650-88-2]	see [327-97-9]	-
[205114-66-5]	Cimicifugic acid B	32
[206978-14-5]	Epoxybergamottin	51
[208599-88-6]	Primulic acid II	116
[212891-05-9]	see [30964-13-7]	-
[219944-39-5]	Isoescin IA	79
[219944-46-4]	Isoescin IB	79
[220618-91-7]	Cimicifugic acid F	32
[238074-03-8]	Hyperforin (stable Dicyclohexylammonium salt)	76
[241125-75-7]	Sibiricose A6	135
[245550-57-6]	Gluconapin potassium salt	65
[245550-58-7]	Glucobrassicanapin potassium salt	64
[245550-64-5]	Glucoraphasatin potassium salt	66
[245550-65-6]	Glucoberteroin potassium salt	64
[251320-66-8]	see [19870-46-3]	-
[256520-90-8]	Withanoside V	153
[256925-92-5]	Cimigenol 3-α-L-arabinoside	32
[260413-62-5]	Ligustroflavone	87
[264624-38-6]	see [501938-01-8]	-
[272785-02-1]	see [3598-26-3]	-
[289030-99-5]	Oleocanthal	104
[319480-84-7]	6'''-Feruloylspinosin	55
[334007-19-1]	Artemicapin C	15
[360762-35-2]	see [866602-52-0]	-
[362472-81-9]	Withanoside IV	153
[382146-66-9]	Bacopaside II	19
[382148-47-2]	Bacopaside I	19
[415724-47-9]	Syringylglycerol 8-O-4'-sinapyl ether 7-glucoside	141
[441769-43-3]	6-Acetylacteoside	6
[501938-01-8]	23-epi-26-Deoxyactein	43
[620592-16-7]	Bacopaside V	19
[685132-58-5]	7-Acetyllycopsamine N-oxide	7
[685132-59-6]	7-Acetylintermedine N-oxide	7
[737806-07-4]	see [82854-37-3]	-
[760961-03-3]	Hederacoside D	70
[775351-88-7]	Corylifol A	34
[781658-23-9]	4-Hydroxy L-isoleucine	75
[861691-37-4]	Orientin 2''-galactoside	105
[866602-52-0]	Dodeca 2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide	47
[882664-74-6]	Polygalasaponin F	115
[945619-74-9]	Ophiopogonin D	105
[952068-57-4]	Parishin E	108
[1055329-47-9]	Sutherlandioside B	140
[1055329-49-1]	Sutherlandioside D	140
[1094250-13-1]	(-)-Englerin B	50
[1094250-15-3]	(-)-Englerin A	50
[1126032-65-2]	Isomogroside V	80
[1131009-93-2]	Kaempferol 3,4'-diglucoside 7-rhamnoside	83
[1195140-94-3]	Indicine hydrochloride	77
[1220616-44-3]	Rebaudioside M	123
[1220616-46-5]	Rebaudioside N	123
[1235439-75-4]	see [80546-88-9]	-
[1242843-00-0]	Cubebin	36
[2096516-68-4]	11-Oxomogroside III-E	106

Index IV: Substance Classification



Classification	Product #	Reference Substance
1 Alcohols & Phenols		
1.1 Alcohols	89164	Benzyl alcohol
1.2 Phenols	82372	Catechol
	83499	Erianin
	89324	Gastrodin
	80152	Hydroxytyrosol
	83267	Orcinol β-D-glucoside
	84252	Protosappanin B
	89772	Pyrogallol
	82643	Resorcinol
	89782	Salicin
	89462	Salidroside
	80111	Sesamol
	80166	Tyrosol
	80180	Urushiol (15:1)
	80181	Urushiol (15:2)
	80182	Urushiol (15:3)
2 Aldehydes & Ketones		
2.1 Aldehydes	82478	Asarylaldehyde
	82556	Helicid
	83881	Oleacein
	83882	Oleocanthal
	82678	Vanillin
2.2 Ketones	84200	Alnustone
	83477	Androsin
	83252	Apocynin
	89201	6-Gingerol
	89202	8-Gingerol
	89203	10-Gingerol
	89899	Hulupinic acid
	80232	4'-Hydroxyacetophenone
	84224	5-Hydroxy 1,7-diphenyl 6-hepten 3-one
	89225	Hyperforin (stable Dicyclohexylammonium salt)
	83511	Iriflophenone 3-C-glucoside
	89737	Muscone
	89749	Paeonol
	84249	Paeonolide
	89883	Picein
	89792	6-Shogaol
	83910	8-Shogaol
	83911	10-Shogaol
	83917	Tinnevellin glucoside
	89818	(+)-Usnic acid
3 Flavonoids		
3.1 Chalcones & Dihydrochalcones	89571	Aspalathin
	83481	Bavachalcone
	80379	Cardamomin
	83216	2',4'-Dihydroxydihydrochalcone
	82520	2',6'-Dihydroxy 4',4-dimethoxychalcone
	82521	2',6'-Dihydroxy 4',4-dimethoxydihydrochalcone
	82523	2',6'-Dihydroxy 4'-methoxychalcone
	82524	2',6'-Dihydroxy 4'-methoxydihydrochalcone
	83847	Echinatin
	83762	Flavokawain A
	83763	Flavokawain B
	83854	Flavokawain C
	83510	Hydroxysafflor yellow A
	83317	Isobavachalcone
	89544	Isoliquiritigenin
	80481	Isoliquiritin
	80486	Licochalcone A
	83870	Loureirin A
	84235	Loureirin B
	83877	Naringenin chalcone
	83338	Naringin dihydrochalcone
	82289	Neohesperidin dihydrochalcone
	82624	Phloretin
	80513	Phloridzin
	83918	Trilobatin
	89292	Xanthohumol
3.2 Isoflavans	83310	Brazilin
	80463	Glabridin

Classification	Product #	Reference Substance
3 Flavonoids		
3.3 Flavanones	89849	Alpinetin
	82483	Bavachin
	82484	Bavachinin
	80444	Eriodictyol
	82539	Farrerol
	89222	Hesperetin
	82569	Isosakuranetin
	89234	Isoxanthohumol
	89543	Liquiritigenin
	89738	Naringenin
	82605	Naringenin 4',7-dimethylether
	80061	Pinocembrin
	80520	6-Prenylnaringenin
	89886	8-Prenylnaringenin
	89273	Sakuranetin
	83544	Sophoraflavanone G
	82867	(-)-Sophoranone
3.3.1 O-Glycosides	80584	Didymin
	89194	Eriocitrin
	89707	Hesperidin
	80490	Liquiritin
	84233	Liquiritin apioside
	89739	Naringin
	83339	Narirutin
	84242	Neoeriocitrin
	89741	Neohesperidin
	84243	Neoliquiritin
	82628	Poncirin
3.4 Flavanols	80992	(-)-Catechin
	89172	(+)-Catechin
	80430	Dihydrokaempferol
	80431	Dihydromyricetin
	89192	(-)-Epicatechin
	89655	(-)-Epigallocatechin
	80096	(-)-Gallocatechin
	89231	Isosilybin (A + B mixture)
	82570	Isosilybin A
	82571	Isosilybin B
	89280	Silybin (A + B mixture)
	82653	Silybin A
	82654	Silybin B
	89281	Silychristin
	89282	Silydianin
	89284	(+)-Taxifolin
	83341	Theaflavin
	83344	Theaflavin 3,3'-digallate
	83342	Theaflavin 3-gallate
	83343	Theaflavin 3'-gallate
3.4.1 O-Glycosides	80356	Astilbin
	83279	Engeletin
3.5 Flavones	89482	Acacetin
	89159	Apigenin
	89577	Baicalein
	80382	Chrysin
	82500	Cirsilineol
	82477	5-Demethylnobiletin
	84211	5,7-Dimethoxyflavone
	82526	Diosmetin
	80337	Eupatilin
	80451	Eupatorin
	82548	Gardenin B
	83500	Genkwanin
	83335	Hispidulin
	80786	Jaceosidin
	89245	Luteolin
	83264	Luteolin 7-methyl ether
	82598	7-O-Methylwogonin
	83327	Nepetin
	83365	Nevadensin
	80858	Nobiletin
	82615	Oroxylin A

Classification	Product #	Reference Substance
3 Flavonoids		
3.5 Flavones	83884	Panicolin
	82621	Pectolinarigenin
	83283	Scutellarein
	89278	Sinensetin
	89803	Tangeretin
	83915	Tectochrysin
	80987	Tricin
	84264	3',5,7-Trihydroxy 4',5',6-trimethoxyflavone
	83054	3',4',5'-Trimethoxyflavone
	89825	Wogonin
3.5.1 3-Hydroxyflavones	83719	Artemetin
	82490	Calycopterin
	89173	Casticin
	82877	2,3-Dehydrosilybin A
	82878	2,3-Dehydrosilybin B
	82522	5,7-Dihydroxy 3,3',4',5',6,8-hexamethoxyflavone
	82534	Eupalitin
	82542	Fisetin
	89505	Galangin
	82554	Gossypetin 3-methylether
	82553	Gossypetin 3,3',8-trimethylether
	84219	3,3',4',5,6,7,8-Heptamethoxyflavone
	83857	Herbacetin
	80478	Icaritin
	89314	Isorhamnetin
	82572	Kaempferide
	89235	Kaempferol
	83865	Karanjin
	83868	Limocitrin
	82601	Morin
	89252	Myricetin
	83821	Pachypodol
	83890	Penduletin
	89262	Quercetin
	89263	Quercetin dihydrate
	82641	Quercetin 3,3',4',7-tetramethylether
	82644	Rhamnetin
	83902	Rhamnocitrin
	82645	Robinetin
	83905	Santin
	82667	3',4',5,7-Tetrahydroxy 3,6,8-trimethoxyflavone
	82674	4',5,7-Trihydroxy 3,3',6,8-tetramethoxyflavone
	82675	4',5,7-Trihydroxy 3,6,8-trimethoxyflavone
3.5.1.1 O-Glycosides	80361	Avicularin
	83483	Camelliaside A
	83484	Camelliaside B
	80586	Epimedin A
	83498	Epimedin A1
	80587	Epimedin B
	80588	Epimedin C
	80450	Eupalitin 3-galactoside
	82545	2''-Galloylhyperin
	89695	Gossypin
	84217	Grosvenorine
	80986	Guaiaverin
	83580	Hibifolin
	89227	Hyperoside
	89714	Icariin
	83316	Icariside I
	83286	Icariside II
	82568	Isorhamnetin 3-neohesperidoside
	83337	Isorhamnetin 3-rutinoside
	83280	Kaempferitrin
	89236	Kaempferol 3,4'-diglucoside 7-rhamnoside
	84228	Kaempferol 3-gentiobioside
	89237	Kaempferol 3-glucoside
	83864	Kaempferol 3-rhamnoside
	83516	Kaempferol 3-robinoside 7-glucoside
	80700	Kaempferol 3-rutinoside
	83517	Kaempferol 3-sambubioside
	80209	Myricitrin
	83533	Quercetin 3-gentiobioside
	89230	Quercetin 3-glucoside
	82640	Quercetin 7-glucoside
	80349	Quercetin 3-glucuronide
	83534	Quercetin 7-rhamnoside
	83535	Quercetin 3-rutinoside 7-glucoside
	83575	Quercetin 3-sophoroside
	89346	Quercitrin

Classification	Product #	Reference Substance
3 Flavonoids		
3.5.1.1 O-Glycosides	84254	Rhodiosin
	83246	Robinin
	89270	Rutin
	89798	Spiraeoside
	89809	Tiliroside
	80250	Tris-O-(2-hydroxyethyl)rutin
	82676	Typhaneoside
3.5.2 O-Glycosides	89160	Apigenin 7-glucoside
	83471	Apigenin 7-glucuronide
	89161	Apiin
	83479	Baicalein 7-diglucoside
	83480	Baicalein 7-glucoside
	89322	Baicalin
	82527	Diosmin
	83520	Ligustroflavone
	80822	Linarin
	84234	Lonicerin
	89246	Luteolin 3',7-di-O-glucuronide
	83412	Luteolin 7-diglucuronide
	89724	Luteolin 7-glucoside
	84271	Luteolin 3'-glucuronide
	83521	Luteolin 7-glucuronide
	84129	Neodiosmin
	83306	Nepetin 7-glucoside
	84247	Oroxylin A 7-glucuronide
	82622	Pectolinarin
	83302	Rhoifolin
	89784	Saponarin
	89788	Scutellarin
	82684	Wogonoside
3.5.3 C-Glycosides	83853	6'''-Feruloylspinosin
	89709	Homoorientin
	83324	Isoschaftoside
	89233	Isovitexin
	89746	Orientin
	83529	Orientin 2''-galactoside
	83325	Schaftoside
	83284	Spinosin
	83912	Swertisin
	83780	Vaccarin
	83000	Vicenin II
	83549	Vicenin III
	89290	Vitexin
	84193	Vitexin 2''-glucoside
	83551	Vitexin 7-glucoside
	89291	Vitexin 2''-rhamnoside
3.5.4 Biflavones	80351	Amentoflavone
	89166	I3,II8-Biapigenin
	83840	Bilobetin
	83501	Ginkgetin
	83513	Isoginkgetin
	83543	Sciadopitysin
3.6 Isoflavones	80012	Biochanin A
	82491	Calycosin
	83488	Corylifol A
	83287	Corylin
	89181	Daidzein
	89528	Formononetin
	89199	Genistein
	89692	Glycitein
	83512	Irigenin
	82563	Irisflorentin
	83257	Isoformononetin
	83103	(-)-Maackiain
	83295	Neobavaisoflavone
	80544	Tectorigenin
	80547	Trifolirhizin
3.6.1 O-Glycosides	82492	Calycosin 7-glucoside
	89182	Daidzin
	89200	Genistin
	89693	Glycitin
	82562	Iridin
	83873	9-O-Methylnissolin 3-O-glucoside
	82359	Ononin
	89795	Sophoricoside
	80543	Tectoridin
3.6.2 C-Glycosides	83859	3'-Hydroxypuerain
	84238	3'-Methoxypuerarin
	84240	Mirificin

Classification	Product #	Reference Substance
3 Flavonoids		
3.6.2 C-Glycosides	89318	Puerarin
	84253	Puerarin 6"-xyloside
3.7 Anthocyanidins	80022	Cyanidin chloride
	89625	Delphinidin chloride
	83497	Dracorhodin perchlorate
	80083	Malvidin chloride
	80084	Pelargonidin chloride
	80085	Peonidin chloride
	80225	Petunidin chloride
3.7.1 Anthocyans	89614	Cyanidin 3-arabinoside chloride
	89615	Cyanidin 3,5-diglucoside chloride
	89463	Cyanidin 3-galactoside chloride
	89616	Cyanidin 3-glucoside chloride
	80577	Cyanidin 3-rutinoside chloride
	89617	Cyanidin 3-sambubioside chloride
	80579	Cyanidin 3-sophoroside chloride
	89626	Delphinidin 3,5-diglucoside chloride
	89506	Delphinidin 3-galactoside chloride
	89627	Delphinidin 3-glucoside chloride
	80735	Delphinidin 3-rutinoside chloride
	82249	Delphinidin 3-sambubioside chloride
	89727	Malvidin 3,5-diglucoside chloride
	80600	Malvidin 3-galactoside chloride
	89728	Malvidin 3-glucoside chloride
	80334	Pelargonidin 3,5-diglucoside chloride
	89753	Pelargonidin 3-glucoside chloride
	80335	Peonidin 3,5-diglucoside chloride
	89754	Peonidin 3-glucoside chloride
	89755	Petunidin 3-glucoside chloride
4 Glucosinolates		
4 Glucosinolates	89657	Epiprogoitrin potassium salt
	89684	Glucobarbarin potassium salt
	83241	Glucoberteroin potassium salt
	83242	Glucobrassicanapin potassium salt
	80593	Glucobrassicin potassium salt
	89685	Glucocheirolin potassium salt
	89686	Glucoerucin potassium salt
	89687	Glucoiberin potassium salt
	89688	Gluconapin potassium salt
	89689	Gluconasturtiin potassium salt
	89215	Glucoraphanin potassium salt
	84216	Glucoraphasatin potassium salt
	89690	Glucoraphenin potassium salt
	89691	Glucosibarin
	89216	Glucotropaeolin potassium salt
	89765	Progoitrin potassium salt
	89793	Sinalbin potassium salt
	89279	Sinigrin potassium salt
5 Isoprenoids		
5.1 Terpenoid-type		
5.1.1 Monoterpenes		
5.1.1.1 Acyclic monoterpenes	82501	Citral
	80887	Lavandulol
	80653	Lavandulyl acetate
	80885	Linalool
	89243	Linalyl acetate
5.1.1.2 Monocyclic monoterpenes	80099	(-)-Carvone
	80240	(+)-Carvone
	80016	(+)-Isomenthol
	89328	Isomenthone
	89517	(-)-Menthol
	82241	(-)-Menthone
	82627	Piperitone
	82240	R-(+)-Pulegone
	89872	α-Terpineol
5.1.1.3 Bicyclic monoterpenes	89583	Borneol
	89584	(-)-Bornyl acetate
	80063	D,L-Camphene
	80087	DL-Camphor
	89594	Cantharidin
	80088	(+)-Δ-3-Carene
	89195	Eucalyptol
	82541	(-)-Fenchone
	80660	(+)-Fenchone
	82584	(+)-Menthofuran
	89257	α-Pinene
	89335	β-Pinene
	82342	Sabinene
	89271	Sabinyl acetate

Classification	Product #	Reference Substance
5 Isoprenoids		
5.1.1.3 Bicyclic monoterpenes	89286	(-)-α-Thujone
	82669	α,β-Thujone
5.1.1.4 O-Glycosides	89833	Albiflorin
	80608	Oxypaeoniflorin
	89384	Paeoniflorin
5.1.1.5 Aromatic monoterpenes	80241	Carvacrol
	83363	Carvacrol methyl ether
	80836	p-Cymene
	89287	Thymol
5.1.2 Iridoids	82700	8-Acetylharpagide
	82461	8-Acetylshanzhiside methyl ester
	89155	Agnuside
	84198	Ajugol
	80178	Amarogentin
	83229	Asperuloside
	84202	Asperulosidic acid
	89163	Aucubine
	89595	Catalpol
	89178	8-p-Coumaroylharpagide
	83491	Deacetylasperulosidic acid
	84207	Deacetylasperulosidic acid methyl ester
	80458	Genipin
	89675	Geniposide
	80459	Geniposidic acid
	89512	Gentiopicroside
	89703	Harpagide
	89218	Harpagoside
	89705	Hastatoside
	80492	Loganic acid
	89721	Loganin
	84237	Melittoside
	80500	Monotropein
	82602	Morroniside
	83259	Negundoside
	89652	Oleoside 11-methyl ester
	89338	Oleuropein
	89758	Picroside I
	89759	Picroside II
	83900	Rehmannioside A
	83908	Secoxyloganin
	83340	Sesamoside
	83909	Shanzhiside
	82651	Shanzhiside methyl ester
	89802	Sweroside
	89513	Swertiamarine
	83949	Valtrate
	89822	Verbenalin
5.1.3 Sesquiterpenes	89151	Acetoxyvalerenic acid
	89156	Alantolactone
	89345	Anisatin
	89484	Artemisinin
	82479	Atractylenolide I
	82480	Atractylenolide II
	80359	Atractylenolide III
	80005	(-)-α-Bisabolol
	89168	Bisabolol oxide A
	84204	Brevilin A
	80717	β-Caryophyllene
	82496	(-)-Caryophyllene oxide
	89174	Chamazulene
	80384	Cnicin
	89611	Costunolide
	82299	Curcumol
	89619	Cynaropicrin
	89857	α-Cyperone
	89624	Dehydrocostus lactone
	82530	(-)-Englerin A
	83850	(-)-Englerin B
	89197	Furanoeudesma 1,3-diene
	89677	Germacrone
	83856	Gossypol
	89697	Guaiazulene
	83351	α-Humulene
	89224	Hydroxyvalerenic acid
	89228	Isoalantolactone
	80488	Linderalactone
	80489	Linderane
	82581	(+)-Longifolene
	83526	Nardosinone

Classification	Product #	Reference Substance
5 Isoprenoids		
5.1.3 Sesquiterpenes	89255	Parthenolide
	89752	Patchouli alcohol
	80339	Picrotoxinin
	82794	Pterosin B
	80931	α-Santonin
	80551	ar-Turmerone
	83299	Tussilagone
	89288	Valerenic acid
	83418	Zerumbone
5.1.4 Diterpenes	89560	Andrograpanin
	89561	Andrographolide
	89575	Baccatin III
	89167	(-)-Bilobalide
	82294	Cafestol
	89171	Carnosic acid
	80150	Carnosol
	89622	10-Deacetylbaccatin III
	89623	Dehydroandrographolide
	84210	14-Deoxyandrographolide
	89631	14-Deoxy 11,14-didehydroandrographolide
	89661	Euphorbiasteroid
	89664	Forskolin
	89204	Ginkgolide A
	89205	Ginkgolide B
	89206	Ginkgolide C
	89329	Ginkgolide J
	84178	Grayanotoxin I
	83860	Incensole
	83861	Incensole acetate
	82566	Isoforskolin
	82395	Isosteviol
	82293	Kahweol
	84229	Kaurenoic acid
	89835	Kirenol
	89240	Larixyl acetate
	80485	Lathyrol
	89830	Marrubiin
	89734	16-O-Methylcafestol
	83416	12-O-Methylcarnosic acid
	83573	Neoquassin
	89745	Oridonin
	80615	Ponicidin
	80620	Pseudolaric acid A
	80523	Pseudolaric acid B
	82635	Pseudolaric acid C
	80324	Quassin
	84255	Rhodojaponin II
	83268	Rosmanol
	82262	Steviol
	89806	Taxol
	89285	Teucrin A
	89811	Triptolide
	89812	Triptonide
	89813	Triptophenolide
5.1.4.1 O-Glycosides	84195	Atractyloside
	84196	Carboxyatractyloside
	82417	Dulcoside A
	89740	Neoandrographolide
	82633	Pseudolaric acid A-glucopyranoside
	82634	Pseudolaric acid B-glucopyranoside
	80067	Rebaudioside A
	82396	Rebaudioside B
	82397	Rebaudioside C
	82398	Rebaudioside D
	84145	Rebaudioside E
	84146	Rebaudioside M
	83218	Rebaudioside N
	80078	Rubusoside
	82399	Steviolbioside
	84261	Steviol 19-glucoside
	89800	Stevioside
5.1.5 Limonoids	89574	Azadirachtin
	80453	Fraxinellone
	89379	Limonin
	80507	Nomilin
	80509	Obacunone
5.1.6 Triterpenes	84170	Absinthin
	83493	Demethylzeylasteral
	83528	α-Onocerin

Classification	Product #	Reference Substance
5 Isoprenoids		
5.1.6 Triterpenes	83537	Roburic acid
5.1.6.1 Triterpene sapogenins	89555	3-O-Acetyl α-boswellic acid
	89152	3-O-Acetyl β-boswellic acid
	89153	3-O-Acetyl 11-keto-β-boswellic acid
	83240	3-O-Acetyl 9,11-dehydro β-boswellic acid
	83835	Alisol A
	83836	Alisol A 24-acetate
	84199	Alisol B
	82464	Alisol B 23-acetate
	80705	α-Amyrin
	80292	β-Amyrin
	83307	Anemosapogenin
	82473	Arjungenin
	82474	Arjunic acid
	89569	Asiatic acid
	80367	Bacosine
	80368	Bayogenin
	89581	Betulin
	89529	Betulinic acid
	83839	Betulonic acid
	89585	α-Boswellic acid
	89454	β-Boswellic acid
	89169	11-keto-β-Boswellic acid
	80381	Celastrol
	80065	Corosolic acid
	84046	Cucurbitacin A
	82226	Cucurbitacin B
	80254	Cucurbitacin D
	80013	Cucurbitacin E
	89464	Cucurbitacin I
	82509	Cycloastragenol
	83845	9-Dehydropachymic acid
	83837	Dehydrotumulosic acid
	83848	Echinocystic acid
	80435	α,β-Elemolic acid
	80079	β-Elemonic acid
	83773	Erythrodiol
	82536	Faradiol
	82543	Friedelin
	89668	Ganoderic acid A
	89669	Ganoderic acid B
	84214	Ganoderic acid D
	89672	Ganoderic acid F
	82552	18α-Glycyrrhetinic acid
	80466	Gymnemagenin
	89706	Hederagenin
	82557	Hemslecin A
	89722	Lupeol
	80229	Madecassic acid
	83209	Maslinic acid
	83289	Medicagenic acid
	82261	Miliacin
	84241	Mogrol
	89383	Oleanolic acid
	84246	Oleanonic acid
	80512	Pachymic acid
	89750	Panaxadiol
	89751	Panaxatriol
	80614	Phytolaccagenin
	83896	Polygalic acid
	83303	Pristimerin
	83898	Protoescigenin
	89767	Protopanaxadiol
	89768	Protopanaxatriol
	84256	Rotundic acid
	82650	Senegenin
	89796	Soyasapogenol A
	89797	Soyasapogenol B
	80542	Taraxasterol acetate
	83262	3β-Taraxerol
	89541	Ursolic acid
	80555	Wilforlide A
5.1.6.2 Triterpene saponins	89154	Actein
	84201	Araloside A
	82472	Arjunetin
	89570	Asiaticoside
	83275	Asperosaponin VI
	89572	Astragaloside I
	89573	Astragaloside II

Classification	Product #	Reference Substance
5 Isoprenoids		
5.1.6.2 Triterpene saponins	80357	Astragaloside III
	89377	Astragaloside IV
	80362	Bacopasaponin C
	80363	Bacopaside I
	80364	Bacopaside II
	83838	Bacopaside V
	80365	Bacopaside X
	89576	Bacoside A
	80366	Bacoside A3
	84205	Chikusetsusaponin IVa
	83329	Cimigenol 3-α-L-arabinoside
	83330	Cimigenol 3-β-D-xyloside
	89613	Cucurbitacin E-2-O-glucoside
	80420	Deacylgymnemic acid
	89183	23-epi-26-Deoxyactein
	83496	Dipsacoside B
	83256	Eclalbasaponin I
	83255	Eclalbasaponin II
	89871	Escin
	80445	Escin IA
	80446	Escin IB
	80589	Esculentoside A
	80461	Ginsenoside C-K
	89208	Ginsenoside Rb1
	89209	Ginsenoside Rb2
	89679	Ginsenoside Rb3
	89210	Ginsenoside Rc
	89211	Ginsenoside Rd
	89212	Ginsenoside Re
	89213	Ginsenoside Rf
	89214	Ginsenoside Rg1
	89680	Ginsenoside Rg2
	89681	Ginsenoside Rg3
	84215	Ginsenoside Rg5
	89682	Ginsenoside Rh1
	89683	Ginsenoside Rh2
	80462	Ginsenoside Ro
	89217	Glycyrrhizin
	82467	Glycyrrhizin ammonium salt
	83506	Gypenoside XVII
	83507	Gypenoside XLIX
	89221	Hederacoside C
	84218	Hederacoside D
	89220	α-Hederin
	84220	Hosenkoside A
	84221	Hosenkoside B
	84222	Hosenkoside C
	84223	Hosenkoside K
	84225	Ilexsaponin A
	83862	Isoescin IA
	83863	Isoescin IB
	84226	Isomogroside V
	89719	Jujuboside A
	89720	Jujuboside B
	83872	Macranthoidin A
	83523	Macranthoidin B
	80230	Madecassoside
	83875	Mogroside III-E
	82599	Mogroside IV
	80498	Mogroside V
	83281	Momordin Ic
	84244	Notoginsenoside Fa
	89743	Notoginsenoside R1
	84245	Notoginsenoside R2
	84248	11-Oxomogroside III-E
	80899	11-Oxomogroside V
	83889	Pedunculoside
	80518	Platycodin D
	83894	Polygalasaponin F
	89259	Primulic acid I
	89260	Primulic acid II
	89769	Pseudoginsenoside F11
	80619	Pseudoginsenoside RT5
	80525	Raddeanin A
	89526	Saikosaponin A
	83538	Saikosaponin B1
	83539	Saikosaponin B2
	89780	Saikosaponin C
	89527	Saikosaponin D

Classification	Product #	Reference Substance
5 Isoprenoids		
5.1.6.2 Triterpene saponins	82652	Siamenoside I
	84259	Soyasaponin Aa
	84260	Soyasaponin Ba
	83545	Soyasaponin Bb
	83248	Sutherlandioside B
	83249	Sutherlandioside D
	83546	Tenuifolin
	84263	Terminoloside
	80550	Tubeimoside I
	84265	Tubeimoside II
	84266	Tubeimoside III
	84269	Ziyuglycoside I
	84270	Ziyuglycoside II
5.1.7 Tetraterpenes		
5.1.7.1 Carotinoids	80391	Crocin
	80392	Crocin 2
	89723	Lutein
5.2 Steroid-type	89596	Caudatin
	80422	12-Deoxywithastramonolide
	89698	Guggulsterone E
	89699	Guggulsterone Z
	89824	Withaferin A
	80556	Withanolide A
	80557	Withanolide B
	82683	Withanone
	80632	Withanoside IV
	80633	Withanoside V
5.2.1 Sterols	89514	Campesterol
	83941	Condurango glycoside A
	83940	Condurango glycoside E2
	89651	β-Ecdysone
	84213	Fucosterol
	89283	β-Sitosterol
	80538	β-Sitosterol D-glucoside
	82658	Stigmasterol
	84272	Taraxasterol
5.2.2 Ketosterones	89562	Androstenedione
5.2.3 Cardenolides & Bufadienolides	89587	Bufalin
	89609	Cinobufagin
	80834	Convallatoxin
	89838	Cymarin
	82516	Digitoxin
	80739	Helveticoside
	82573	Lanatoside C
	89744	Oleandrin
	82623	Periplocin
	80514	Picfeltarraenin IA
	83892	Picfeltarraenin IB
	82774	Proscillaridin A
	89774	Resibufogenin
	83215	Strophanthidine
	80207	g-Strophanthin
	82206	k-Strophanthoside
	80833	Uzarin
5.2.4 Steroid sapogenins	89649	Diosgenin
	83855	Gitogenin
	83508	Hecogenin
	89253	Neoruscogenin
	89268	Ruscogenin
	89269	Ruscogenin/Neoruscogenin mixture
	80531	Sarsasapogenin
	83916	Tigogenin
	80634	Yamogenin
5.2.5 Steroid saponins	89648	Dioscin
	80561	Formosanin C
	83503	Gracillin
	83869	Liriope muscari Saponin C
	82614	Ophiopogonin D
	83226	Paris VII
	80558	Prosapogenin A
	80522	Protodioscin
	80536	Shatavarin IV
	80545	Timosaponin A III
	83272	Timosaponin B II
	80546	Tribulosin
	89810	Trillin
6 Nitrogen-containing Compounds		
6 Nitrogen-containing Compounds	89518	Allantoin
	83962	Calvatic acid

Classification	Product #	Reference Substance
6 Nitrogen-containing Compounds		
6.1 Amines	80469	Hordenine
	83866	Kukoamine A
	83867	Kukoamine B
	84156	Sinapine chloride
	89386	Synephrine
6.2 Amides	83467	Aegeline
	82471	Aristolactam
	80376	N-Caffeoyl O-methyltyramine
	89520	Capsaicin
	83842	N-trans-p-Coumaroyltyramine
	89647	Dihydrocapsaicin
	89187	Dodeca 2E,4E,8Z,10E,Z-tetraenoic acid isobutylamide
	84212	N-trans-Feruloyltyramine
	82604	Narciclasine
	89254	Nordihydrocapsaicin
	89760	Piperine
	89820	N-Vanillylnonamide
6.3 Amino acids	80344	L-Alanine
	89470	L-(±)-Alliin
	83415	γ-Aminobutyric acid
	82307	L-Arginine
	80905	L-Asparagine
	80666	L-Aspartic acid
	82551	L-Glutamic acid
	83798	L-Glutamine
	80474	4-Hydroxy L-isoleucine
	80477	5-Hydroxy L-tryptophan
	80494	N-Malonyl DL-tryptophan
	82585	L-Methionine
	83414	L-Proline
	82213	L-Theanine
6.4 Nitrophenanthrene carboxylic acids	89565	Aristolochic acid I
	89566	Aristolochic acid II
	80355	Aristolochic acid C
	83478	Aristolochic acid D
	80471	7-Hydroxyaristolochic acid I
6.5 Cyanoglycosides	89559	Amygdalin
	83505	Griffonin
6.6 Nucleosides	80977	Adenosine
	82505	Cordycepin
6.7 Alkaloids	89591	Caffeine
	89610	Colchicine
	80401	Cytisine
	82515	Denudatine
	89666	Galanthamine hydrobromide
	89708	Homoharringtonine
	80598	Leonurine hydrochloride
	89730	Matrine
	83219	N-Methylcytisine
	89495	Muscimol
	89748	Oxymatrine
	80511	Oxysophocarpine
	80370	Pilocarpine hydrochloride
	80539	Sophocarpine
	80540	Sophoridine
	89808	Theobromine
	82668	Theophylline
	82680	Vicine
6.7.1 Pyridine-, Pyrazine-, Piperidine-, Pyrrolidine-, Quinolizidine-type	82470	Arecoline hydrobromide
	80201	Coniine hydrochloride
	80034	Cucurbitin chloride
	82638	Ginkgotoxin hydrochloride
	82574	Ligustrazine
	80224	Nicotine ditartrate
	83531	Phellodendrine chloride
	84054	Pipermethystine
	89799	Stachydrine chloride
	80548	Trigonelline chloride
	83300	Tuberostemonine
	84268	Wilforgine
	83298	Wilforine
6.7.2 Pyrrolizidine-type	83759	7-Acetylintermedine
	83795	7-Acetylintermedine N-oxide
	83834	7-Acetyllycopsamine
	84275	7-Acetyllycopsamine N-oxide
	89553	Echimidine
	83590	Echimidine N-oxide
	84094	Echinatine (alkaloid)

Classification	Product #	Reference Substance
6 Nitrogen-containing Compounds		
6.7.2 Pyrrolizidine-type	84093	Echinatine N-oxide
	83432	Erucifoline
	83433	Erucifoline N-oxide
	83237	Europine hydrochloride
	83238	Europine N-oxide
	80403	Heliotrine
	83236	Heliotrine N-oxide
	83234	Indicine hydrochloride
	83235	Indicine N-oxide
	82424	Intermedine
	83446	Intermedine N-oxide
	83434	Jacobine
	83435	Jacobine N-oxide
	80412	Lasiocarpine
	83220	Lasiocarpine N-oxide
	89726	Lycopsamine
	83447	Lycopsamine N-oxide
	89251	Monocrotaline
	82629	Monocrotaline N-oxide
	83901	Retronecine
	89775	Retrorsine
	82630	Retrorsine N-oxide
	89789	Senecionine
	82631	Senecionine N-oxide
	89275	Seneciphylline
	82632	Seneciphylline N-oxide
	83436	Senecivernine
	83437	Senecivernine N-oxide
	89274	Senkirkin
	83438	Trichodesmine
6.7.3 Quinoline-, Isoquinoline-, Phenanthridine-, Quinazoline-type	89897	α-Allocryptopine
	82487	Berbamine dihydrochloride
	89487	Berberine chloride dihydrate
	80371	(+)-Bicuculline
	80145	Boldine
	89592	Californidine perchlorate
	89593	Camptothecin
	80378	Canadine
	80134	Cephaeline dihydrobromide
	89599	Cepharanthine
	89896	Chelerythrine chloride
	89600	Chelidonine
	89524	Coptisin chloride
	83996	Corydaline
	80574	Corynoline
	80979	(-)-Curine
	80419	Dauricine
	80583	Dictamnine
	80429	Dihydroberberine
	89489	Emetine dihydrochloride
	80452	Fangchinoline
	83509	Higenamine hydrochloride
	89511	Hydrastine
	80479	(+)-Isocorydine hydrochloride
	89530	Jatrorrhizine chloride
	80493	Magnoflorine chloride
	80506	Nitidine chloride
	83266	Norisoboldine
	83282	Nuciferine
	89490	Palmatine chloride
	82620	Papaverine hydrochloride
	89546	Protopine
	89327	Sanguinarine chloride
	89794	Sinomenine hydrochloride
	82838	Skimmianine
	89807	Tetrahydropalmatine
	89321	Tetrandrine
	83458	Tryptanthrine
	89821	Vasicine hydrochloride
	80552	Vasicinone
6.7.3.1 Cinchona alkaloids	80961	(-)-Cinchonidine
	80963	(+)-Cinchonine
	80966	(+)-Dihydrocinchonine
	80967	(+)-Dihydroquinidine
	80965	(-)-Dihydroquinine
	80964	(+)-Quinidine
	80962	(-)-Quinine
6.7.4 Indole-, β-Carboline-type	82463	Ajmalicine

Classification	Product #	Reference Substance
6 Nitrogen-containing Compounds		
6.7.4 Indole-, β-Carboline-type	89586	Brucine
	80380	Catharanthine
	83572	Corynoxine B
	89662	Evodiamine
	80457	Gelsemine
	80465	Gramine
	89700	Harmaline
	89701	Harmalol hydrochloride
	89702	Harmine
	83294	Indigotin
	89716	Indirubin
	89718	Isomitraphylline
	80483	Isorhynchophylline
	83518	Koenigicine
	83519	Koenimbine
	84231	Koumine
	83524	Mahanimbine
	89736	Mitraphylline
	83756	Qingdainone
	84037	Rescinnamine
	82642	Reserpine
	80526	Rhynchophylline
	89319	Rutaecarpine
	83105	Sempervirine nitrate
	84143	Serpentine hydrogen tartrate
	89801	Strychnin
	80541	Tabersonine hydrochloride
	89814	Uncarine C
	89816	Uncarine E
	82685	Yohimbine hydrochloride
6.7.4.1 Ergot alkaloids	80440	Ergocristine
6.7.5 Sesquiterpene alkaloids	89313	Huperzine A
	80470	Huperzine B
6.7.6 Diterpene alkaloids	89376	Aconitine
	89588	Bulleyaconitine A
	82544	Fuziline
	89712	Hypaconitine
	89731	Mesaconitine
6.7.7 Steroid alkaloids	82921	Cevadine
	80075	α-Chaconine
	82510	Cyclopamine
	83515	Jervine
	84230	Khasianine
	89486	Peimine
	89533	Peiminine
	89336	Protoveratrine A
	89851	Sipeimine
	83270	α-Solamargine
	80074	α-Solanine
	80004	Solasodine
	83271	α-Solasonine
	80003	Tomatidine hydrochloride
	89905	Tomatine
	82679	Veratramine
	82325	Veratridine
6.7.8 Tropane alkaloids	89563	Anisodamine hydrobromide
	89564	Anisodine hydrobromide
	84088	Apoatropine hydrochloride
	84104	Aposcopolamine
	80892	Atropine sulfate
	84120	Homatropine hydrobromide
	84090	6β-Hydroxytropinone
	82389	Hyoscyamine sulfate
	84107	Noratropine
	84109	Norscopolamine
	84089	Nortropinone hydrochloride
	84098	Phyllalbine
	84099	Pseudotropine
	80046	Scopolamine hydrobromide
	84116	Scopolamine N-oxide hydrobromide
	84096	Tropine
	84095	Tropinone
7 Organic acids & Esters		
7 Organic acids & Esters	83833	cis-Aconitic acid
	82257	trans-Aconitic acid
	80239	Chelidonic acid
	80042	3-(3',4'-Dihydroxyphenyl)lactic acid sodium salt
	80141	Fumaric acid
	89223	10-Hydroxy 2-decenoic acid

Classification	Product #	Reference Substance
7 Organic acids & Esters		
7 Organic acids & Esters	80863	4-Hydroxyisophthalic acid
	80142	Maleic acid
	83885	Parishin
	83886	Parishin B
	83887	Parishin C
	83888	Parishin E
	80020	Sorbic acid
7.1 Lactones	89557	Aloenin A
	80346	Anemonin
	83504	Griffonilide
	80473	(-)-Hydroxycitric acid lactone
	89242	Z-Ligustilide
	80307	Monacolin K
	83893	Pogostone
7.2 Benzoic acid derivatives	84203	Atranorin
	80021	Benzoic acid
	89589	Butyl p-hydroxybenzoate
	89653	Ellagic acid
	83080	Ethyl gallate
	82266	Fumarprotocetraric acid
	89198	Gallic acid
	89678	Ginkgolic acid C13:0
	89522	Ginkgolic acid C15:1
	89207	Ginkgolic acid C17:1
	89480	Ginkgolic acids RN
	83051	p-Hydroxybenzoic acid
	80106	2-Hydroxyethyl salicylate
	89241	Leiocarposide
	82590	3-Methyl ellagic acid
	82592	Methyl gallate
	82239	Methyl salicylate
	89761	Primeverin
	89763	Primulaverin
	89766	Protocatechuic acid
	84191	Protocetraric acid
	80529	Salicylic acid
	82659	Syringic acid
	89819	Vanillic acid
	89856	Vanillic acid 4-β-D-glucoside
8 Phenylpropanes		
8 Phenylpropanes	82458	1'-Acetoxychavicol acetate
	82460	Acetyleugenol
	89158	trans-Anethole
	89567	α-Asarone
	89568	β-Asarone
	89184	Desmethoxyyangonin
	89185	Dihydrokavain
	89186	Dihydromethysticin
	82205	Estragole
	80715	Eugenol
	89239	D,L-Kavain
	89250	Methysticin
	80886	Myristicine
	89293	Yangonin
8.1 Stilbenes	80736	Astringin
	82310	Desoxyrhaponticin
	84227	Isorhapontigenin
	80501	Mulberroside A
	83530	trans-Oxyresveratrol
	83891	trans-Piceatannol
	80516	Pinosylvin
	80517	Pinosylvin monomethyl ether
	89312	trans-Polydatin
	83261	trans-Pterostilbene
	89539	trans-Resveratrol
	89776	Rhaponticin
	83903	Rhapontigenin
	80530	Salvianolic acid A
	82666	2,3,4',5-Tetrahydroxystilbene 2-glucoside
	83550	ε-Viniferin
8.2 Coumarins	83419	Artemicapin C
	82481	Aurapten
	80333	Citropten
	80017	Coumarin
	89621	Daphnetin
	83490	Daphnoretin
	84208	Decursinol
	84209	Decursinol angelate
	80159	5,7-Dihydroxy 4-methylcoumarin

Classification	Product #	Reference Substance
8 Phenylpropanes		
8.2 Coumarins	80449	Esculetin
	89659	Esculin
	89549	Fraxetin
	89545	Fraxin
	83334	Fraxinol
	89229	Isofraxidin
	89733	7-Methoxycoumarin
	89747	Osthole
	84250	(+)-Peucedanol
	83553	(+/-)-Praeruptorin A
	83554	(+/-)-Praeruptorin B
	83555	(+/-)-Praeruptorin C
	82636	Psoralidin
	83899	Pteryxin
	89787	Scoparone
	89516	Scopoletin
	82649	Scopolin
	83291	Toddalolactone
	80098	Umbelliferone
	80144	Umckalin
	89823	Wedelolactone
8.2.1 Furocoumarins	89874	Angelicin
	89578	Bakuchicin
	89868	Bergamottin
	89865	Bergapten
	89875	Byakangelicin
	80906	Byakangelicol
	80438	Epoxybergamottin
	80460	8-Geranyloxypsoralen
	80468	(+/-)-Heraclenin
	89715	Imperatorin
	82564	Isobergapten
	89323	Isoimperatorin
	89873	Isopimpinellin
	84236	(+)-Marmesin
	82608	Nodakenin
	83320	Notopterol
	89876	Oxypeucedanin
	80907	Oxypeucedanin hydrate
	80785	Phellopterin
	89770	Psoralen
	80322	Trioxsalen
	89866	Xanthotoxin
	83292	Xanthotoxol
8.3 Lignans	80354	Arctigenin
	89531	Arctiin
	80564	(-)-Asarinin
	83180	Cubebin
	83489	Cycloolivil
	83844	Dehydrodiisoeugenol
	89190	Eleutheroside E
	80436	Enterodiol
	80437	Enterolactone
	83851	(+)-Eudesmin
	82537	Fargesin
	83314	Gomisin G
	84166	Hinokinin
	89315	Honokiol
	89713	Hypophyllanthin
	83522	Macelignan
	83319	Magnolin
	89317	Magnolol
	83243	Manassantin A
	83244	Manassantin B
	80497	(-)-Matairesinol
	83879	Niranthin
	82880	Nordihydroguaiaretic acid
	83883	(-)-Olivil
	84075	α-Peltatin
	89532	Phillyrin
	89756	Phyllanthin
	89525	(+)-Pinoresinol
	89850	Pinoresinol diglucoside
	84251	Pinoresinol 4-glucoside
	89523	Podophyllotoxin
	83906	Sauchinone
	89885	Schisandrol A
	80206	Schisandrol B
	83907	Schisanhenol

Classification	Product #	Reference Substance
8 Phenylpropanes		
8.3 Lignans	89316	Schisantherin A
	83542	Schisantherin B
	89785	Schizandrin A
	89786	Schizandrin B
	82647	Schizandrin C
	80532	(-)-Secoisolariciresinol
	80533	Secoisolariciresinol diglucoside
	89790	Sesamin
	80311	Sesamolin
	84262	(-)-Syringaresinol 4-(2''-apiosylglucoside)
	83913	(-)-Syringaresinol 4,4'-di-O-β-D-glucoside
	83914	(-)-Syringaresinol 4-O-β-D-glucoside
	84273	Syringylglycerol 8-O-4'-sinapyl ether 7-glucoside
	83547	Tracheloside
	84194	Yatein
8.4 Chromones & Xanthones	82488	Boeravinone B
	89387	Cimifugin
	83494	5,7-Dihydroxychromone
	80455	Gambogic acid
	82546	Garcinone C
	82547	Garcinone D
	80456	Gartanin
	83502	sec-O-Glucosylhamaudol
	80464	4'-O-β-D-Glucosyl 5-O-methylvisamminol
	83239	Isogentisin
	83514	Isomangiferin
	89481	Khellin
	84232	Lancerin
	89729	Mangiferin
	89247	Mangostin
	80496	γ-Mangostin
	84239	7-O-Methylmangiferin
	84060	Methylophiopogonanone A
	84057	Methylophiopogonanone B
	83874	Methylophiopogonone A
	80604	5-O-Methylvisamminol
	83876	Morellic acid
	83525	Morusin
	83527	Neogambogic acid
	80505	Neomangiferin
	83895	Polygalaxanthone III
	80521	Prim-O-glucosylcimifugin
8.5 Cinnamic acid derivatives	80358	Angoroside C
	84053	Artepillin C
	82486	Benzyl cinnamate
	89582	Bisdemethoxycurcumin
	89547	trans-Caffeic acid
	82489	Caffeoyl alcohol
	84142	Cimicifugic acid B
	84141	Cimicifugic acid F
	89608	trans-Cinnamic acid
	83258	trans-m-Coumaric acid
	82343	trans-o-Coumaric acid
	89498	trans-p-Coumaric acid
	82506	p-Coumaroyl alcohol
	83843	trans-Coutaric acid
	89180	Curcumin
	89628	Demethoxycurcumin
	80683	Dihydroisoferulic acid
	83846	3',6-Disinapoylsucrose
	89189	Eleutheroside B
	83852	trans-Fertaric acid
	89663	trans-Ferulic acid
	82559	Hexahydrocurcumin
	83858	trans-5-Hydroxyferulic acid
	89717	trans-Isoferulic acid
	80491	Lithospermic acid
	83155	2-Methoxycinnamaldehyde
	89732	trans-p-Methoxycinnamic acid ethyl ester
	80350	Methyl trans-cinnamate
	89903	Rosarin
	89264	Rosavin
	89902	Rosin
	89783	Salvianolic acid B
	83585	Salvianolic acid C
	83540	Salvianolic acid D
	84257	Sibiricose A5
	84258	Sibiricose A6
	80007	trans-Sinapic acid

Classification	Product #	Reference Substance
8 Phenylpropanes		
8.5 Cinnamic acid derivatives	82665	Tetrahydrocurcumin
8.5.1 Caffeic acid esters	83476	2'-Acetylacteoside
	89554	6-Acetylacteoside
	89238	Caffeoylmalic acid
	89170	Caftaric acid
	83482	Calceolarioside B
	89177	Chicoric acid
	89175	Chlorogenic acid
	80393	Cryptochlorogenic acid
	89179	Cynarin
	82221	1,5-Dicaffeoylquinic acid
	80425	3,4-Dicaffeoylquinic acid
	80426	3,5-Dicaffeoylquinic acid
	80427	4,5-Dicaffeoylquinic acid
	89188	Echinacoside
	83086	Ethyl trans-caffeate
	80310	Forsythoside A
	83313	Forsythoside B
	89232	Isoverbascoside
	80504	Neochlorogenic acid
	83304	Plantamajoside
	83305	Poliumoside
	89266	Rosmarinic acid
	84192	Teupolioside
	84267	Tubuloside A
	89289	Verbascoside
9 Quinones		
9 Quinones	89612	Cryptotanshinone
	82519	Dihydrotanshinone I
	89804	Tanshinone I
	89320	Tanshinone IIA
9.1 Hydroquinones	89510	Arbutin
	80576	Curculigoside
	80712	Hydroquinone
9.2 Benzoquinones	89654	Embelin
	89762	Primin
	80231	Juglone
9.3 Naphtoquinones	89521	Lapachol
	80499	Mollugin
	80267	Plumbagin
	89791	Shikonin
9.4 Anthraquinones	83274	Alizarin
	89157	Aloe emodin
	82729	Anthraquinone
	83276	Aurantio-obtusin
	89378	Chrysophanol
	89620	Danthrone
	89191	Emodin
	89226	Hypericin
	89244	Lucidin
	83880	Obtusifolin
	89757	Physcion
	89261	Pseudohypericin
	89771	Purpurin
	89385	Rhein
	89267	Rubiadin
9.4.1 O-Glycosides	84206	Chrysophanol 8-glucoside
	83849	Emodin 8-glucoside
	89665	Frangulin A
	89196	Frangulin B
	84189	Glucofrangulin A
	84190	Glucofrangulin B
	83871	Lucidin 3-primeveroside
	83245	Morindin
	83536	Rhein 8-glucoside
	83904	Ruberythric acid
	89276	Sennoside A
	83247	Sennoside A1
	89277	Sennoside B
	80534	Sennoside C
9.4.2 C-Glycosides	89558	Aloin A
	83206	Aloin B
	82865	Carminic acid
	83564	Cascaroside A
10 Tannins		
10.1 Catechins	83372	Cinnamtannin A2
	83897	Procyanidin A1
	83223	Procyanidin A2

Classification	Product #	Reference Substance
10 Tannins		
10.1 Catechins	89764	Procyanidin B1
	89552	Procyanidin B2
	84047	Procyanidin B3
	89537	Procyanidin C1
10.1.1 Gallocatechins	82497	(-)-Catechin 3-gallate
	82498	(+)-Catechin 5-gallate
	89193	(-)-Epicatechin 3-gallate
	89656	(-)-Epigallocatechin 3-gallate
	89667	(-)-Gallocatechin 3-gallate
10.2 Gallotannins	89580	Bergenin
	83841	Brevifolincarboxylic acid
	83486	Castalagin
	83487	Castalin
	80570	Chebulagic acid
	80572	Chebulinic acid
	80390	Corilagin
	83331	Cornuside
	82591	3,3'-Di-O-methylellagic acid 4'-xylopyranoside
	80994	Geraniin
	83250	β-Glucogallin
	89473	Hamamelitannin
	82752	1,2,3,4,6-Pentagalloyl β-D-glucose
	80524	Punicalagin (A + B mixture)
	83532	Punicalin (A + B mixture)
	83569	Theogallin
	80631	1,3,6-Trigalloyl β-D-glucose
	83548	Vescalagin

Our Reference Substance Team

HEADQUARTERS GERMANY

General enquiries, price information, all order-related questions

Tanja Burmester, Bernd Chocholaty, Birgit Loistl, Steffi Werth

Reference Substance e-mail:
ref-substances@phytolab.de

Reference Substance phone:
+49 9163 88-395

Reference Substance fax:
+49 9163 88-456

or check our webshop at
http://phyproof.phytolab.de

Analytical & Scientific Support, Custom Projects
Dr. Jan Glaser, Chemist — jan.glaser@phytolab.de
Dr. Tina Zöllner, Chemist — tina.zoellner@phytolab.de

Head of Department
Dr. Michael Schwarz, Food Chemist — michael.schwarz@phytolab.de

Management
Dr. Hartwig Sievers, Pharmacist — hartwig.sievers@phytolab.de

AREA REPRESENTATIVES

Argentina
Alvarez Hnos SA
Luzuriaga 235
C1280ACE Buenos Aires
Argentina
www.alvarezonline.com.ar

Roberto Mayer
phone: **+54 11 4306 7086 / 7059**
fax: **+54 11 4306 7086**
robertomayer2008@gmail.com

Australia / New Zealand
Ingredient Resources Pty Ltd
Unit 16 No. 3 Vuko Place
Warriewood NSW 2102
Australia
www.ingred-res.com.au

Sales Department
phone: **+61 2 9970 8877**
fax: **+61 2 9970 5544**
sales@ingred-res.com.au

Brazil
Martin Bauer Insumos Botanicos Ltda.
Rua do Amor Perfeito 101
Jardim Circular
06713-290 Cotia – SP
Brazil

Sales Department
phone: **+55 11 4198 7545**
fax: **+55 11 4198 7545**
vendas@martin-bauer-group.com.br

Canada / USA
Cerilliant Corporation
811 Paloma Drive, Suite A
Round Rock, TX 78665
USA
www.cerilliant.com

Customer Service
phone: **+1 800 848 7837**
fax: **+1 800 654 1458**
custserv@cerilliant.com

AREA REPRESENTATIVES

Chile
Blumos S.A.
Exposición 1316
Santiago
Chile
www.blumos.cl

Esteban Torres
phone: **+56 2 947 33 44**
fax: **+56 2 947 33 99**
etorres@blumos.cl

Colombia
Gloria y Dora Torneros R. Ltda.
Carrera 27 A N° 1-34
Bogotá
Colombia

Dora Torneros Rincón
phone: **+57 1 237 1917 / 0173**
mobile: **+56 318 667 8199**
dora@gloriaydoratorneros.com

India
SCOPE Specialities LLP
SCOPE House, 22/86
Yeshwant Nagar CHSL
Goregaon (W)
Mumbai – 400062
India
www.scope-india.com

Mandar Marathe
phone: **+91 22 2871 1323**
mandar.marathe@scope-india.com

Japan
ASK Intercity Co., Ltd.
Miyazaki Bldg.
Minamigyotoku 3-1-2
Ichikawa-shi, Chiba, 272-0138
Japan
www.askic.co.jp

Seiji Higa
phone: **+81 47 399 7598**
fax: **+81 47 395 1831**
higa@askic.co.jp

KANTO CHEMICAL CO., INC.
2-1, Nihonbashi Muromachi 2-chome
Chuo-ku, Tokyo, 103-0022
Japan
www.kanto.co.jp

Reagent Division
phone: **+81 3 6214 1090**
fax: **+81 3 3241 1047**
reag-info@gms.kanto.co.jp

Mexico
Kuna
Oxtopulco 19
Oxtopulco Universidad
04318 Mexico City
Mexico
www.retecma.com.mx

Nils Dröge
phone: **+52 55 54 80 17 00**
nils@retecma.com.mx

Pakistan
Medics Laboratories Pvt. Ltd.
DP-32, Sector 12-C
North Karachi Industrial Area
Karachi – 75850
Pakistan
www.medicslab.com

Faizan Khan
phone: **+92 21 3696 3083 / 3084**
fax: **+92 21 3695 0946**
bd@medicslab.com

Portugal / Spain
Baceiredo, S.L.
C/. Independencia. 1. Esc. D, 7°B
01005 Vitoria
Spain

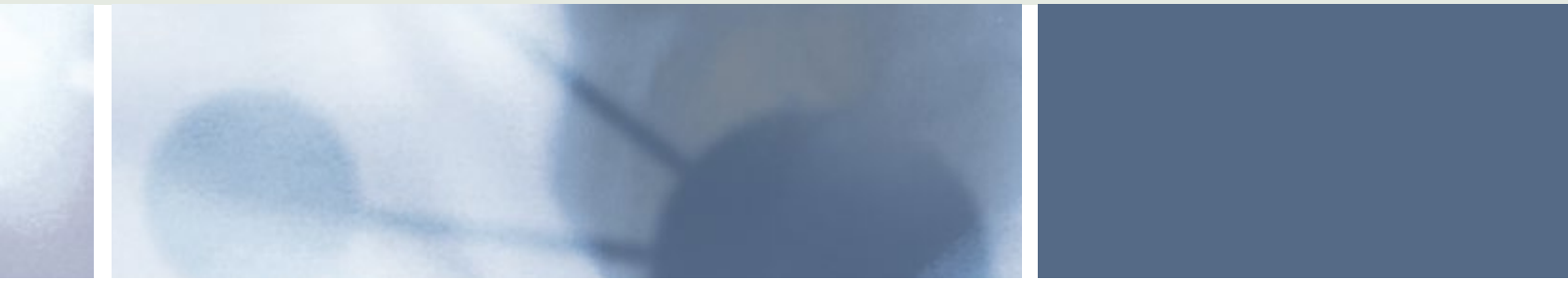
Pilar Baceiredo
phone: **+34 94 5125 002**
fax: **+34 94 5124 807**
baceiredo@nutraceuticos.net

South Korea
Oh Nam Trading Company
RM. 408, Dongil Highvill Office
240, Seocho-daero, Seocho-Gu
06647 Seoul
South Korea

Sungho Oh
phone: **+82 2 521 4611 / 4612 / 4613**
fax: **+82 2 521 4614**
sales@ohnamtrading.co.kr

Turkey
Sonifar The Pharma Expert
Büyükdere Cad. No:26 K:4 D:8
34394 Fulya, Şişli – Istanbul
Turkey
www.sonifar.com
www.inofar.com

Nur Zilan
phone: **+90 212 217 72 26-20**
fax: **+90 212 217 72 22**
nzilan@inofar.com



Order Information

To place orders, please use the order form overleaf. All orders are subject to our general terms and conditions.

You may order via

mail:
PhytoLab GmbH & Co.KG
phyproof® Reference Substances
Dutendorfer Str. 5-7
91487 Vestenbergsgreuth
Germany

phone:
+49 9163 88-395

fax:
+49 9163 88-456

e-mail:
ref-substances@phytolab.de

internet:
http://phyproof.phytolab.de

Alternatively, please contact one of our **area representatives** (see page 234/235).

PhytoLab

Order Form (please copy and fax to +49 9163 88-456)

Company / University / Institute		VAT # (if inside the EU)
Contact Person	Phone	Fax
e-mail	Customer # (if known)	
Address		
City	ZIP	Country
Delivery address (if different from above)		
City	ZIP	Country

Special requirements (e. g. a FedEx account # to be used)	

I herewith order the following **phy**proof® Reference Substances.

Product #	Reference Substance	Unit Size [mg]	Quantity	Unit Price [€]	Total Price [€]
		Shipping costs (see current price list)			
				Sum	

All prices net. With your order you accept our general terms and conditions.

Credit card payment		Credit card number	
☐ Mastercard ☐ VISA		Card verification code (CVC2 / CVV2)	
Total amount [€]		Expiry date	

PhytoLab GmbH & Co. KG
phyproof® Reference Substances
Dutendorfer Str. 5–7
91487 Vestenbergsgreuth
Germany
ref-substances@phytolab.de

Date and Signature

PL-RSK-E1-01.2018

PhytoLab GmbH & Co. KG
Dutendorfer Straße 5–7
91487 Vestenbergsgreuth
Germany
Tel.: +49 9163 88-216
Fax: +49 9163 88-349
welcome@phytolab.com

www.phytolab.com

PL-RSK-E1-01.2018