

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Agrimonia eupatoria

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
176	QUERCETIN	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
176	QUERCETIN	Shoot				--
102	CAFFEIC-ACID	Plant				--
101	APIGENIN	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
89	URSOLIC-ACID	Plant		6000.0	-0.5090810752075852	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
87	RUTIN	Leaf				Wealth of India.
87	RUTIN	Inflorescence		1700.0		--
78	LUTEOLIN	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
77	CHLOROGENIC-ACID	Leaf				Wealth of India.
75	KAEMPFEROL	Shoot		24.0	-0.33987201397721156	--
61	FERULIC-ACID	Plant				--
51	ELLAGIC-ACID	Leaf				Wealth of India.
47	BETA-SITOSTEROL	Shoot		25.0	-0.9699561923388506	--
44	QUERCITRIN	Flower				--
44	QUERCITRIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
43	PROTOCATECHUIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
43	CATECHIN	Plant		26000.0		Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
35	TANNIN	Shoot	30000.0	210000.0	1.6607008042164362	--
35	TANNIN	Leaf	50000.0	80000.0	-0.37271411437234203	--
35	TANNIN	Bark		52800.0	-0.7722965656367389	Wealth of India.
34	SALICYLIC-ACID	Plant				--
31	THIAMIN	Leaf		2.4	-1.2305530670420655	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
30	HYPEROSIDE	Flower		3700.0	-0.4084728900337644	--
25	P-COUMARIC-ACID	Plant				--
24	VANILLIC-ACID	Plant				--
22	ISOQUERCITRIN	Inflorescence		2100.0		--
13	PALMITIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	P-HYDROXY-BENZOIC-ACID	Plant				--
10	ALPHA-AMYRIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	STEARIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	GENTISIC-ACID	Plant				--
7	LUTEOLIN-7-GLUCOSIDE	Plant				Wealth of India.
7	ASTRAGALIN	Shoot	22.5	23.6		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	AGRIMOPHOL	Bud		7900.0		--
5	KAEMPFERIDE	Shoot		19.0		--
4	COSMOSIIN	Shoot				--
3	CYNAROSIDE	Shoot				--
2	GALLO-TANNIN	Root				--
2	NICOTINAMIDE	Leaf	100.0	300.0		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
2	KAEMPFEROL-3-RHAMNOSIDE	Shoot		16.0		--
1	AFZELIN	Shoot		16.2	-1.0	--
1	SILICIC-ACID	Exocarp		120000.0		--
1	AMYRIN	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
0	QUERCETIN-GLUCOSIDE	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
0	AGRIMOL-A	Plant				--
0	AGRIMONOLIDE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	NEOISOPULEGOLE	Leaf Essent. Oil				Jim Duke's personal files.
0	HOMOPROTOCATECHUIC-ACID	Plant				--
0	LEUCOANTHOCYANINS	Plant				Wealth of India.
0	LUTEOLIN-GLUCOSIDE	Plant				--
0	KAEMPFEROL-3-O-GLUCOSIDE	Shoot		22.0		--
0	POLYSACCHARIDES	Shoot	195000.0	200000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GALLOTANNINS	Shoot				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	1-BETA-2-BETA-3-BETA-19-ALPHA-TETRAHYDROXY-URS-12-EN-28-OIC-ACID	Root		15.0		--
0	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		25.5		--
0	ISOPULEGOLE-ACETATE	Leaf Essent. Oil				Jim Duke's personal files.
0	FAT	Seed		350000.0	0.44568382272451457	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
0	EUSCAPHIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		15.0		--
0	1-BETA-2-ALPHA-3-BETA-19-ALPHA-TETRAHYDROXY-URS-12-EN-28-OIC-ACID	Root		240.0		--
0	TRITERPENES	Plant		15000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ISOPULEGOLE	Leaf Essent. Oil				Jim Duke's personal files.
0	ELLAGIN-TANNIN	Leaf				--
0	EUSCAPHIC-ACID	Shoot		15.0		--
0	TORMENTIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		19.0		--
0	VIT-K	Plant				Wealth of India.
0	COUMARINS	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.

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0	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		20.0		--
0	ELLAGITANNINS	Shoot				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	N-1-N-5-N-10-TRI-TRANS-4-COUMAROYL-SPERMIDINE	Flower				--
0	KAEMPFERIDE-3-O-ALPHA-RHAMNOSIDE	Shoot		10.6		--
0	CERYL-ALCOHOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	EO	Plant		2000.0	-0.5881321355977028	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
0	AGRIMOL-D	Plant				--
0	CATECHIN-TANNIN	Leaf				Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
0	APIGENIN-7-O-BETA-D-GLUCOSIDE	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
0	QUERCETIN-3-RHAMNOSIDE	Plant				Wealth of India.
0	AGRIMOL-C	Plant				--
0	APIGENIN-GLUCOSIDE	Plant				--
0	QUERCETIN-3-O-GALACTOSIDE	Plant				Wealth of India.
0	AGRIMOL-B	Plant				--
0	ROSAMULTIN	Root		250.0		--