

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Agrimonia eupatoria

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
35	TANNIN	Shoot	30000.0	210000.0	1.6607008042164362	--
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.
75	KAEMPFEROL	Shoot		24.0	-0.33987201397721156	--
35	TANNIN	Leaf	50000.0	80000.0	-0.37271411437234203	--
30	HYPEROSIDE	Flower		3700.0	-0.4084728900337644	--
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.
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.
35	TANNIN	Bark		52800.0	-0.7722965656367389	Wealth of India.
47	BETA-SITOSTEROL	Shoot		25.0	-0.9699561923388506	--
1	AFZELIN	Shoot		16.2	-1.0	--
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.
61	FERULIC-ACID	Plant				--
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.
7	LUTEOLIN-7-GLUCOSIDE	Plant				Wealth of India.
0	AGRIMOL-A	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	HOMOPROTECATECHUIC-ACID	Plant				--
22	ISOQUERCITRIN	Inflorescence		2100.0		--
3	CYNAROSIDE	Shoot				--
13	PALMITIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	LEUCOANTHOCYANINS	Plant				Wealth of India.
43	PROTECATECHUIC-ACID	Plant				--
25	P-COUMARIC-ACID	Plant				--
0	LUTEOLIN-GLUCOSIDE	Plant				--
24	VANILLIC-ACID	Plant				--
0	KAEMPFEROL-3-O-GLUCOSIDE	Shoot		22.0		--
0	POLYSACCHARIDES	Shoot	195000.0	200000.0		--
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.
4	COSMOSIIN	Shoot				--
2	GALLO-TANNIN	Root				--
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.
0	1-BETA-2-BETA-3-BETA-19-ALPHA-TETRAHYDROXY-URS-12-EN-28-OIC-ACID	Root		15.0		--

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	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		25.5		--
0	ISOPULEGOLE-ACETATE	Leaf Essent. Oil				Jim Duke's personal files.
102	CAFFEIC-ACID	Plant				--
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.
0	1-BETA-2-ALPHA-3-BETA-19-ALPHA-TETRAHYDROXY-URS-12-EN-28-OIC-ACID	Root		240.0		--
0	EUSCAPHIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		15.0		--
2	KAEMPFEROL-3-RHAMNOSIDE	Shoot		16.0		--
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.
13	P-HYDROXY-BENZOIC-ACID	Plant				--
0	ELLAGIN-TANNIN	Leaf				--
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.
0	TORMENTIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		19.0		--
0	EUSCAPHIC-ACID	Shoot		15.0		--
0	VIT-K	Plant				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	ASTRAGALIN	Shoot	22.5	23.6		--
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.
0	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		20.0		--
0	N-1-N-5-N-10-TRI-TRANS-4-COUMAROYL-SPERMIDINE	Flower				--
0	ELLAGITANNINS	Shoot				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	KAEMPFERIDE-3-O-ALPHA-RHAMNOSIDE	Shoot		10.6		--
5	AGRIMOPHOL	Bud		7900.0		--
0	CERYL-ALCOHOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
51	ELLAGIC-ACID	Leaf				Wealth of India.
5	KAEMPFERIDE	Shoot		19.0		--
8	STEARIC-ACID	Plant				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.
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.
77	CHLOROGENIC-ACID	Leaf				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
34	SALICYLIC-ACID	Plant				--
1	SILICIC-ACID	Exocarp		120000.0		--
0	QUERCETIN-3-RHAMNOSIDE	Plant				Wealth of India.
0	AGRIMOL-C	Plant				--
0	APIGENIN-GLUCOSIDE	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.
44	QUERCITRIN	Flower				--
87	RUTIN	Inflorescence		1700.0		--
8	GENTISIC-ACID	Plant				--
44	QUERCITRIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	QUERCETIN-3-O-GALACTOSIDE	Plant				Wealth of India.
0	AGRIMOL-B	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.
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.
176	QUERCETIN	Shoot				--
0	ROSAMULTIN	Root		250.0		--