

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Agrimonia eupatoria

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
87	RUTIN	Leaf				Wealth of India.
0	AGRIMOL-D	Plant				--
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				--
30	HYPEROSIDE	Flower		3700.0	-0.4084728900337644	--
1	SILICIC-ACID	Exocarp		120000.0		--
0	APIGENIN-GLUCOSIDE	Plant				--
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	QUERCETIN-3-RHAMNOSIDE	Plant				Wealth of India.
0	AGRIMOL-C	Plant				--
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.
10	ALPHA-AMYRIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		20.0		--
0	QUERCETIN-3-O-GALACTOSIDE	Plant				Wealth of India.
0	AGRIMOL-B	Plant				--
176	QUERCETIN	Shoot				--
0	ROSAMULTIN	Root		250.0		--
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.
0	AGRIMONOLIDE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
7	LUTEOLIN-7-GLUCOSIDE	Plant				Wealth of India.
0	AGRIMOL-A	Plant				--
0	HOMOPROTOCATECHUIC-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.
77	CHLOROGENIC-ACID	Leaf				Wealth of India.
0	LEUCOANTHOCYANINS	Plant				Wealth of India.
1	AFZELIN	Shoot		16.2	-1.0	--
43	PROTOCATECHUIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
25	P-COUMARIC-ACID	Plant				--
0	LUTEOLIN-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.
0	KAEMPFEROL-3-O-GLUCOSIDE	Shoot		22.0		--
24	VANILLIC-ACID	Plant				--
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				--
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		--
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	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		25.5		--
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.
102	CAFFEIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	ISOPULEGOLE-ACETATE	Leaf Essent. Oil				Jim Duke's personal files.
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	NEOISOPULEGOLE	Leaf Essent. Oil				Jim Duke's personal files.
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.
13	P-HYDROXY-BENZOIC-ACID	Plant				--
0	ELLAGIN-TANNIN	Leaf				--
0	ISOPULEGOLE	Leaf Essent. Oil				Jim Duke's personal files.
0	EUSCAPHIC-ACID	Shoot		15.0		--
0	TORMENTIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		19.0		--
75	KAEMPFEROL	Shoot		24.0	-0.33987201397721156	--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	VIT-K	Plant				Wealth of India.
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.
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.
35	TANNIN	Bark		52800.0	-0.7722965656367389	Wealth of India.
5	AGRIMOPHOL	Bud		7900.0		--
51	ELLAGIC-ACID	Leaf				Wealth of India.
47	BETA-SITOSTEROL	Shoot		25.0	-0.9699561923388506	--
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.
7	ASTRAGALIN	Shoot	22.5	23.6		--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
35	TANNIN	Shoot	30000.0	210000.0	1.6607008042164362	--
35	TANNIN	Leaf	50000.0	80000.0	-0.37271411437234203	--
0	POLYSACCHARIDES	Shoot	195000.0	200000.0		--