

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Agrimonia eupatoria

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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				--
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				--
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	PROTOCATECHUIC-ACID	Plant				--
25	P-COUMARIC-ACID	Plant				--
0	LUTEOLIN-GLUCOSIDE	Plant				--
24	VANILLIC-ACID	Plant				--
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	GALLOTANNINS	Shoot				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOPULEGOLE-ACETATE	Leaf Essent. Oil				Jim Duke's personal files.
102	CAFFEIC-ACID	Plant				--
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	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.
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	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.
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				--

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.
77	CHLOROGENIC-ACID	Leaf				Wealth of India.
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				--
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				--
44	QUERCITRIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	GENTISIC-ACID	Plant				--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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				--
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.
0	KAEMPFERIDE-3-O-ALPHA-RHAMNOSIDE	Shoot		10.6		--
0	1-BETA-2-BETA-3-BETA-19-ALPHA-TETRAHYDROXY-URS-12-EN-28-OIC-ACID	Root		15.0		--
0	EUSCAPHIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		15.0		--
0	EUSCAPHIC-ACID	Shoot		15.0		--
2	KAEMPFEROL-3-RHAMNOSIDE	Shoot		16.0		--
1	AFZELIN	Shoot		16.2	-1.0	--
0	TORMENTIC-ACID-28-BETA-D-GLUCOPYRANOSYL-ESTER	Shoot		19.0		--
5	KAEMPFERIDE	Shoot		19.0		--
0	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		20.0		--
0	KAEMPFEROL-3-O-GLUCOSIDE	Shoot		22.0		--
7	ASTRAGALIN	Shoot	22.5	23.6		--
75	KAEMPFEROL	Shoot		24.0	-0.33987201397721156	--
47	BETA-SITOSTEROL	Shoot		25.0	-0.9699561923388506	--
0	KAEMPFEROL-3-O-RUTINOSIDE	Shoot		25.5		--
0	1-BETA-2-ALPHA-3-BETA-19-ALPHA-TETRAHYDROXY-URS-12-EN-28-OIC-ACID	Root		240.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ROSAMULTIN	Root		250.0		--
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.
87	RUTIN	Inflorescence		1700.0		--
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.
22	ISOQUERCITRIN	Inflorescence		2100.0		--
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.
5	AGRIMOPHOL	Bud		7900.0		--
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.
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	Bark		52800.0	-0.7722965656367389	Wealth of India.
35	TANNIN	Leaf	50000.0	80000.0	-0.37271411437234203	--
1	SILICIC-ACID	Exocarp		120000.0		--
0	POLYSACCHARIDES	Shoot	195000.0	200000.0		--
35	TANNIN	Shoot	30000.0	210000.0	1.6607008042164362	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce 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.