

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Marrubium vulgare

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	ALPHA-PINENE	Essential Oil				--
28	ALPHA-PINENE	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.
101	APIGENIN	Plant				Lawrence Review of Natural Products, Jun-88.
101	APIGENIN	Leaf				--
101	APIGENIN	Shoot				--
4	APIGENIN-7-GLYCOSIDE	Plant				Lawrence Review of Natural Products, Jun-88.
112	ASCORBIC-ACID	Plant				--
112	ASCORBIC-ACID	Flower				--
5	BETA-ELEMENE	Plant				--
13	BETA-PINENE	Plant				--
47	BETA-SITOSTEROL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
47	BETA-SITOSTEROL	Shoot				--
2	BETONICINE	Plant		3000.0		--
2	BETONICINE	Shoot		3000.0		--
102	CAFFEIC-ACID	Plant				--
9	CAMPHENE	Essential Oil				--
9	CAMPHENE	Plant				--
77	CHLOROGENIC-ACID	Plant				--
20	CHOLINE	Plant	2000.0	20000.0	1.2675004445952598	--
20	CHOLINE	Shoot		2000.0	1.9120747724470146	--
20	CHOLINE	Flower		2000.0	-1.3821894809301754	--
20	CHOLINE	Leaf		2000.0	-0.3664636272077626	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	CHRYSOERIOL	Plant				--
7	CHRYSOERIOL	Leaf				--
4	COSMOSIIN	Leaf				--
4	COSMOSIIN	Shoot				--
3	CYNAROSIDE	Leaf				--
3	CYNAROSIDE	Shoot				--
62	GALLIC-ACID	Flower				--
62	GALLIC-ACID	Plant				--
3	ISOQUERCETIN	Plant				--
22	ISOQUERCITRIN	Shoot				--
60	LIMONENE	Plant				--
60	LIMONENE	Essential Oil				--
78	LUTEOLIN	Leaf				--
78	LUTEOLIN	Shoot				--
78	LUTEOLIN	Plant				Lawrence Review of Natural Products, Jun-88.
8	MARRUBIIN	Plant	1000.0	10000.0	1.0	--
8	MARRUBIIN	Flower	9000.0	10000.0		--
8	MARRUBIIN	Seed				--
8	MARRUBIIN	Leaf		7800.0		--
8	MARRUBIIN	Shoot	1252.9	6300.0	1.0	--
1	MARRUBIINIC-ACID	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
3	MUCILAGE	Plant				--
16	P-CYMENE	Plant				--
16	P-CYMENE	Essential Oil				--
24	PECTIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	PHYTOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
2	PHYTOSTEROLS	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	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.
5	SABINENE	Plant				--
5	SABINENE	Essential Oil				--
5	SAPONINS	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
5	SCLAREOL	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.
6	STACHYDRINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
41	TANNIC-ACID	Plant				--
35	TANNIN	Flower	26000.0	29000.0	-1.0048129490429472	--
35	TANNIN	Plant	65000.0	70000.0	-0.1990770770371384	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
89	URSOLIC-ACID	Leaf		1000.0	-0.39327857147451517	--
89	URSOLIC-ACID	Flower				--
89	URSOLIC-ACID	Plant		1200.0	-0.7382684424188871	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	VICENIN-2	Leaf				--
12	VICENIN-2	Plant				--
18	VITEXIN	Leaf				--
18	VITEXIN	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.