

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Marrubium vulgare

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.
112	ASCORBIC-ACID	Plant				--
112	ASCORBIC-ACID	Flower				--
102	CAFFEIC-ACID	Plant				--
101	APIGENIN	Plant				Lawrence Review of Natural Products, Jun-88.
101	APIGENIN	Leaf				--
101	APIGENIN	Shoot				--
89	URSOLIC-ACID	Plant		1200.0	-0.7382684424188871	--
89	URSOLIC-ACID	Leaf		1000.0	-0.39327857147451517	--
89	URSOLIC-ACID	Flower				--
78	LUTEOLIN	Plant				Lawrence Review of Natural Products, Jun-88.
78	LUTEOLIN	Leaf				--
78	LUTEOLIN	Shoot				--
77	CHLOROGENIC-ACID	Plant				--
62	GALLIC-ACID	Plant				--
62	GALLIC-ACID	Flower				--
60	LIMONENE	Plant				--
60	LIMONENE	Essential Oil				--
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				--
41	TANNIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
35	TANNIN	Flower	26000.0	29000.0	-1.0048129490429472	--
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.
24	PECTIN	Plant				--
22	ISOQUERCITRIN	Shoot				--
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	--
18	VITEXIN	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
18	VITEXIN	Leaf				--
16	P-CYMENE	Essential Oil				--
16	P-CYMENE	Plant				--
13	BETA-PINENE	Plant				--
12	VICENIN-2	Leaf				--
12	VICENIN-2	Plant				--
9	CAMPHENE	Plant				--
9	CAMPHENE	Essential Oil				--
8	MARRUBIIN	Flower	9000.0	10000.0		--
8	MARRUBIIN	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	MARRUBIIN	Leaf		7800.0		--
8	MARRUBIIN	Shoot	1252.9	6300.0	1.0	--
8	MARRUBIIN	Plant	1000.0	10000.0	1.0	--
7	CHRYSOERIOL	Plant				--
7	CHRYSOERIOL	Leaf				--
6	STACHYDRINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
5	SABINENE	Essential Oil				--
5	BETA-ELEMENE	Plant				--
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.
5	SABINENE	Plant				--
4	COSMOSIIN	Leaf				--
4	COSMOSIIN	Shoot				--
4	APIGENIN-7-GLYCOSIDE	Plant				Lawrence Review of Natural Products, Jun-88.
3	CYNAROSIDE	Leaf				--
3	ISOQUERCETIN	Plant				--
3	MUCILAGE	Plant				--
3	CYNAROSIDE	Shoot				--
2	BETONICINE	Plant		3000.0		--
2	BETONICINE	Shoot		3000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
1	PHYTOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
1	MARRUBIINIC-ACID	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.