

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Scutellaria lateriflora*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2-METHYL-ALKANES	Plant				J. Nat. Prod.
0	3,9-DIMETHYL-ALKANES	Plant				J. Nat. Prod.
0	3-METHYL-ALKANES	Plant				J. Nat. Prod.
0	AJUGAPITIN	Shoot		53.0		--
0	ALKANES	Plant				--
0	ALPHA-CUBEBENE	Essential Oil		42000.0	1.690761643248381	--
2	ALPHA-HUMULENE	Essential Oil		42000.0	-0.101267679833174	--
5	ALUMINUM	Plant	35.0	258.0	-0.24394246995266602	--
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.
112	ASCORBIC-ACID	Plant	140.0	1025.0	-0.35305763210265884	--
0	ASH	Plant	13152.0	96000.0	-0.4518768506735323	--
53	BETA-CAROTENE	Plant	2.6	19.0	-0.6242773033606255	--
5	BETA-ELEMENE	Essential Oil		92000.0	1.3931411017295305	--
0	CALAMENENE	Essential Oil		152000.0	1.0	--
28	CALCIUM	Plant	623.0	4550.0	-0.966913278939186	--
0	CARBOHYDRATES	Plant	106860.0	780000.0	0.6928319687486746	--
31	CARYOPHYLLENE	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.
3	CATALPOL	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.
3	CATALPOL	Shoot				--
24	CHROMIUM	Plant	0.1	0.7	-0.7978184456668914	--
2	COBALT	Plant	0.2	1.1	-0.4414788042406314	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	D-CADINENE	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.
9	DELTA-CADINENE	Essential Oil		270000.0	1.0	--
0	EO	Plant	411.0	3000.0	-0.5121339088100166	--
0	FAT	Plant	2055.0	15000.0	-0.5363375309297539	--
15	FIBER	Plant		82000.0	-1.0410331708435898	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(CRUDE)	Plant		82000.0	-0.4081307657244603	--
0	FIBER(DIETARY)	Plant		293000.0	-0.7675395352257373	--
0	GUM	Plant	10960.0	120000.0	-0.03568971197469381	--
7	HISPIDULIN	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.
2	HUMULENE	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.
6	IRON	Plant	3.4	25.0	-0.7088619232376661	--
0	KILOCALORIES	Plant		3140.0	-0.1482067213371359	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
13	LIGNIN	Plant				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
60	LIMONENE	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.

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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.
65	MAGNESIUM	Plant	155.0	1130.0	-0.911525308006382	--
14	MANGANESE	Plant	0.6	4.7	-0.6612191620265054	--
23	MELATONIN	Leaf		0.09	-0.7092019118053704	--
3	N-HENTRIACONTANE	Plant				J. Nat. Prod.
0	N-HENTRICONTANE	Leaf				--
1	N-NONACOSANE	Plant				J. Nat. Prod.
0	N-PENTATRIACONTANE	Leaf				--
0	N-PENTATRIACONTANE	Plant				J. Nat. Prod.
0	N-TRITRIACONTANE	Leaf				--
0	N-TRITRIACONTANE	Plant				J. Nat. Prod.
39	NIACIN	Plant	5.0	35.0	-0.5846006204721909	--
4	PHOSPHORUS	Plant	248.0	1810.0	-0.854710516276436	--
14	POTASSIUM	Plant	2987.0	21800.0	1.9319622326667793E-4	--
0	PROTEIN	Plant	14933.0	109000.0	-0.5282898136902743	--
0	RESIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
15	RIBOFLAVIN	Plant	0.3	2.2	-0.641930683346907	--
0	SCUTECEPYROL-A	Shoot		13.0		--
0	SCUTELATERIN-A	Shoot		5.3		--
0	SCUTELATERIN-B	Shoot		0.002		--
0	SCUTELATERIN-C	Shoot		6.6		--

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7	SCUTELLAREIN	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	SCUTELLARIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
60	SELENIUM	Plant	0.1	0.8	-0.3918196891300263	--
4	SILICON	Plant	0.7	4.8	-0.5171976819725923	--
1	SODIUM	Plant	22.0	160.0	-0.2952210539560734	--
35	TANNIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
18	TERPINEOL	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.
31	THIAMIN	Plant		2.8	-0.40799062312326667	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	THIAMINE	Plant	0.4	2.8	-0.41613445393170256	--
4	TIN	Plant	0.2	1.2	-1.3346483520728216	--
2	TRANS-BETA-FARNESENE	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	WATER	Plant		863000.0	0.39415272768671544	--
0	WAX	Plant		12000.0		J. Nat. Prod.
77	ZINC	Plant	1.2	8.6	-0.42946874165861587	--