

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Gymnema sylvestre*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(-)-VIBURNITOL	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
112	ASCORBIC-ACID	Leaf	152.0	800.0	-0.3696902910647434	--
0	ASH	Leaf	11400.0	60000.0	-1.0368945685574065	--
53	BETA-CAROTENE	Leaf	6.0	30.0	-1.007290752841	--
14	BETAINE	Leaf				Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids. 1957-1968. Lloydia 33S: 1-286.
28	CALCIUM	Leaf	169.0	890.0	-1.1989575366694187	--
20	CHOLINE	Leaf				Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids. 1957-1968. Lloydia 33S: 1-286.
24	CHROMIUM	Leaf	0.9	4.5	-0.26210699744664134	--
2	COBALT	Leaf				--
1	CONDURITOL-A	Leaf				--
0	FAT	Leaf	3990.0	21000.0	-0.7066459488238135	--
0	FIBER(CRUDE)	Leaf		80000.0	-1.2364591474881201	--
0	FIBER(DIETARY)	Leaf		320000.0	-0.6554264493404216	--
0	GURMARIN	Leaf				--
0	GYMNEMAGENIN	Plant				--
0	GYMNEMASAPONIN-I	Leaf		60.0		--
0	GYMNEMASAPONIN-II	Leaf	25.0	27.0		--
0	GYMNEMASAPONIN-III	Leaf		10.0		--
0	GYMNEMASAPONIN-IV	Leaf	12.0	17.0		--
0	GYMNEMASAPONIN-V	Leaf	133.0	160.0		--
0	GYMNEMASIDE-I	Leaf		20.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GYMNEMASIDE-II	Leaf		23.0		--
0	GYMNEMASIDE-III	Leaf		13.0		--
0	GYMNEMASIDE-IV	Leaf		10.0		--
0	GYMNEMASIDE-V	Leaf		133.0		--
0	GYMNEMASIDE-VI	Leaf		10.0		--
0	GYMNEMASIDE-VII	Leaf		13.0		--
0	GYMNEMASIN-A	Leaf		83.0		--
0	GYMNEMASIN-B	Leaf		57.0		--
0	GYMNEMASIN-C	Leaf		73.0		--
0	GYMNEMASIN-D	Leaf		48.0		--
5	GYMNEMIC-ACID	Leaf				--
5	GYMNEMIC-ACID	Plant				--
5	GYMNEMIC-ACID	Seed		2500.0		--
3	GYMNEMIC-ACID-A	Leaf				--
3	GYMNEMIC-ACID-B	Leaf				--
0	GYMNEMIC-ACID-C	Leaf				--
0	GYMNEMIC-ACID-D	Leaf				--
0	GYMNEMIC-ACID-I	Leaf	67.0	120.0		--
0	GYMNEMIC-ACID-II	Leaf	86.0	160.0		--
0	GYMNEMIC-ACID-III	Leaf	27.0	91.0		--
0	GYMNEMIC-ACID-IV	Leaf	47.0	73.0		--
0	GYMNEMIC-ACID-IX	Leaf	21.0	28.0		--
0	GYMNEMIC-ACID-V	Leaf	18.0	53.0		--
0	GYMNEMIC-ACID-VI	Leaf		10.0		--
0	GYMNEMIC-ACID-VII	Leaf	60.0	333.0		--
0	GYMNEMIC-ACID-VIII	Leaf	23.0	32.0		--
0	GYMNEMIC-ACID-W	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GYMNEMIC-ACID-X	Leaf		5.0		--
0	GYMNEMIC-ACID-XI	Leaf		30.0		--
0	GYMNEMIC-ACID-XII	Leaf		8.0		--
0	GYMNEMIC-ACID-XIII	Leaf		13.0		--
0	GYMNEMIC-ACID-XIV	Leaf		5.0		--
0	GYMNEMIC-ACID-XV	Leaf		5.0		--
0	GYMNEMIC-ACID-XVI	Leaf		5.0		--
0	GYMNEMIC-ACID-XVII	Leaf		5.0		--
0	GYMNEMIC-ACID-XVIII	Leaf		8.0		--
0	GYMNEMIC-ACID-Y	Leaf				--
0	GYMNEMIC-ACID-Z	Leaf				--
0	GYMNEMOSIDE-A	Leaf		83.0		--
0	GYMNEMOSIDE-B	Leaf		46.0		--
0	GYNOSAPONIN-TN-2	Leaf				--
0	GYPENOSIDE-II	Leaf				--
0	GYPENOSIDE-LV	Leaf		10.0		--
0	GYPENOSIDE-LXII	Leaf		27.0		--
0	GYPENOSIDE-LXIII	Leaf		33.0		--
0	GYPENOSIDE-LXXIV	Leaf				--
0	GYPENOSIDE-V	Leaf				--
0	GYPENOSIDE-XLIII	Leaf				--
0	GYPENOSIDE-XLV	Leaf				--
0	GYPENOSIDE-XLVII	Leaf				--
0	GYPENOSIDE-XXVIII	Leaf		30.0		--
0	GYPENOSIDE-XXXVII	Leaf		60.0		--
6	IRON	Leaf	9.0	49.0	-0.7963760020443548	--
65	MAGNESIUM	Leaf	201.0	1060.0	-1.1837881089772462	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
14	MANGANESE	Leaf	0.4	2.0	-0.45656096751768344	--
39	NIACIN	Leaf	4.2	22.0	-0.9183603469143609	--
4	PHOSPHORUS	Leaf	561.0	2950.0	-0.37192131095030045	--
14	POTASSIUM	Leaf	2470.0	13000.0	-0.7658756615242699	--
0	PROTEIN	Leaf	20900.0	110000.0	-1.0160027728932894	--
15	RIBOFLAVIN	Leaf				--
60	SELENIUM	Leaf	0.4	2.3	-0.20582736095134732	--
4	SILICON	Leaf	0.6	3.0	-0.4042688979345114	--
1	SODIUM	Leaf	266.0	1400.0	-0.3986352697823829	--
0	THIAMINE	Leaf				--
1	TRIMETHYLAMINE	Leaf				Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids. 1957-1968. Lloydia 33S: 1-286.
0	WATER	Leaf		810000.0	0.011785571821618442	--
77	ZINC	Leaf				--