

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Lobelia inflata*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(-)-LOBELINE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	8,10-DIETHYL-LOBELIDIOL	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	8-10-DIETHYL-LOBELIDIONE	Plant				--
0	8-ETHYL-10-PHENYL-NORLOBELIDIONE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	8-ETHYL-NORLOBELOL-I	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	8-METHYL-10-ETHYL-LOBELIDIOL	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	8-METHYL-10-PHENYL-LOBELIDIOL	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ALKALOIDS	Plant		4800.0	-0.30756273985391924	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ALPHA-LOBELINE	Leaf				--
5	ALUMINUM	Leaf	28.0	251.0	-0.5111994179913997	--
112	ASCORBIC-ACID	Leaf	255.0	2252.0	-0.23496319333534585	--
0	ASH	Leaf	5537.0	49000.0	-1.2307010642907612	--
0	BETA,BETA-PHENYLOXYPROPIONIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	BETA-AMYRIN-PALMITATE	Leaf		2778.0		--
53	BETA-CAROTENE	Leaf	6.0	54.0	-0.90277203660358	--
0	BETA-LOBELINE	Leaf				--
28	CALCIUM	Leaf	793.0	7020.0	-0.7801090704452894	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CAOUTCHOUC	Latex Exudate				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Leaf	94016.0	832000.0	1.7507708636815	--
2	CHELIDONIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	CHROMIUM	Leaf	0.1	0.5	-0.6040941095955688	--
2	COBALT	Leaf	0.3	2.2	-0.2858092390741129	--
0	D-8-PHENYL-LOBELOL-I	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DL-LOBELINE	Tissue Culture				--
0	DL-LOBELINE	Plant				--
0	FAT	Seed		30000.0	-1.2398706410167792	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Leaf	3164.0	28000.0	-0.5671584341942296	--
15	FIBER	Leaf		88000.0	-0.9093436140576229	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(CRUDE)	Leaf		88000.0	-1.0277251296237717	--
0	FIBER(DIETARY)	Leaf		313000.0	-0.739609663017173	--
6	IRON	Leaf	4.0	31.0	-0.8420012774771523	--
0	ISOLOBELANINE	Leaf				--
0	ISOLOBIANANIDINE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ISOLOBININE	Plant				--
0	KILOCALORIES	Leaf		3000.0	-0.029146911719389833	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	L-8-PHENYL-LOBELOL-I	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	L-PHENYLALANINE-2-OXO-GLUTARATE-AMINOTRANSFERASE	Shoot				--
0	LELOBANIDINE-I	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	LELOBANIDINE-II	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
27	LINOLEIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	LOBELACRIN	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	LOBELANIDINE	Leaf				--
1	LOBELANIDINE	Plant				--
1	LOBELANINE	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
1	LOBELANINE	Leaf				--
0	LOBELIA-INFLATA-ALKALOID-B-1	Leaf				--
0	LOBELIDINE	Leaf				--
15	LOBELINE	Shoot				--
15	LOBELINE	Plant	3600.0	22500.0		--
15	LOBELINE	Tissue Culture		10.0		--
15	LOBELINE	Leaf				--
0	LOBETYOL	Root		111.0		--
0	LOBETYOLIN	Root		11111.0		--
0	LOBETYOLININ	Root		489.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	LOBINALIDINE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	LOBINALINE	Plant				--
0	LOBINANIDINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	LOBININE	Plant				--
65	MAGNESIUM	Leaf	183.0	1620.0	-0.9675530189830753	--
14	MANGANESE	Leaf	0.9	8.0	-0.4465862167435287	--
39	NIACIN	Leaf	3.7	33.0	-0.7845608648828445	--
0	NORLELOBANIDINE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	NORLOBELANIDINE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	NORLOBELANINE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PHENYLALANINE-2-OXO-GLUTARATE-AMINO-TRANSFERASE	Shoot				--
4	PHOSPHORUS	Leaf	174.0	1540.0	-0.6313429485127736	--
14	POTASSIUM	Leaf	1424.0	12600.0	-0.7835387672616585	--
0	PROTEIN	Leaf	10283.0	91000.0	-1.2055461311809488	--
0	PYRIDINE-ALKALOIDS	Plant	4000.0	5000.0		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	RESIN	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Leaf				--
60	SELENIUM	Leaf	0.1	0.5	-0.34412954703445015	--
4	SILICON	Leaf	0.1	0.8	-0.4108124280179472	--
1	SODIUM	Leaf	17.0	150.0	-0.6206438697294278	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
8	STEARIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
31	THIAMIN	Leaf		3.2	-1.0638300711032627	--
0	THIAMINE	Leaf	0.4	3.2	-0.4874859849793951	--
4	TIN	Leaf	0.8	7.0	-1.0322372138202993	--
0	WATER	Leaf		887000.0	0.3959371813684556	--
77	ZINC	Leaf	0.1	0.4	-0.524313284412666	--