

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Duboisia myoporoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	VALTROPINE	Shoot				--
0	VALTROPINE	Leaf				--
0	VALEROIDINE	Shoot				--
0	VALEROIDINE	Root				--
0	VALERODININE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
89	URSOLIC-ACID	Shoot		10.0	-0.7356690493616181	--
0	TROPINONE	Root				--
0	TROPINE-NONANOATE	Leaf				--
1	TROPINE	Leaf				--
1	TROPINE	Root				--
0	TIGLOYLTROPINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	TIGLOIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TETRATRIACONTANOIC-ACID	Shoot		76.0		--
0	TETRAMETHYLPUTRESCINE	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	SCOPOLIN	Shoot				Plouvier, V. 1987. Occurrence and distribution of syringoside, skimmian and similar coumarin glycosides and loganin in several botanical groups. C. R. Acad. Sci. Ser. III, 305(6): 183-186.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
44	SCOPOLETIN	Shoot				Plouvier, V. 1987. Occurrence and distribution of syringoside, skimmin and similar coumarin glycosides and loganin in several botanical groups. C. R. Acad. Sci. Ser. III, 305(6): 183-186.
41	SCOPOLAMINE	Leaf	0.0	0.001	-0.9573064364913518	--
41	SCOPOLAMINE	Sprout Seedling				--
41	SCOPOLAMINE	Stem				--
41	SCOPOLAMINE	Shoot				--
41	SCOPOLAMINE	Root		36.0	-0.7700012179784974	--
41	SCOPOLAMINE	Tissue Culture	76.0	3929.0		--
41	SCOPOLAMINE	Plant				--
0	PROPIONYL-OXYTROPANE	Root				--
0	POROIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PHOSPHODIESTERASE	Tissue Culture				--
0	PENTATRIACONTAN-4-ONE	Shoot		6.3		--
0	NORSCOPOLAMINE	Shoot				--
0	NORNICOTINE	Stem				--
0	NORNICOTINE	Root		32.0		--
0	NORNICOTINE	Leaf	0.0	0.001		--
0	NORNICOTINE	Sprout Seedling				--
0	NORHYOSCYAMINE	Leaf				--
0	NORATROPINE	Shoot				--
21	NICOTINE	Leaf		1700.0	-0.6633632160555029	--
21	NICOTINE	Sprout Seedling				--
21	NICOTINE	Stem				--
21	NICOTINE	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	L-ANABASINE	Leaf				--
0	ISOPOROIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
27	HYOSCYAMINE	Tissue Culture	26.0	910.0		--
27	HYOSCYAMINE	Root		152.0	-1.1894558146124214	--
27	HYOSCYAMINE	Stem		0.001		--
27	HYOSCYAMINE	Leaf	0.0	0.001	-0.9999999999999999	--
27	HYOSCYAMINE	Sprout Seedling				--
27	HYOSCYAMINE	Shoot				--
0	HYOSCINE	Sprout Seedling				--
0	HYGRINE	Leaf		1900.0		--
0	HYGRINE	Root				--
0	HENTRIACONTANYL-TETRATACONTANOATE	Shoot		90.0		--
0	FATTY-ACIDS	Leaf				--
0	DOTRIACONTAN-1-OL	Shoot		14.0		--
0	DL-ISOPELLETERINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CUSCOHYGRINE	Root				--
21	CHLOROPHYLL	Leaf				--
0	BUTROPINE	Leaf				--
0	BUTROPINE	Shoot				--
0	BETULONIC-ACID	Shoot		100.0		--
51	ATROPINE	Stem		0.002	-1.0000000000000002	--
51	ATROPINE	Leaf		0.001	-1.0	--
51	ATROPINE	Root				--
0	AOSCOPOLAMINE	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	AOSCOPOLAMINE	Leaf				--
0	AOSCOPOLAMINE	Shoot				--
0	APOHYOSCINE	Leaf				--
2	APOATROPINE	Root				--
2	APOATROPINE	Leaf				--
0	ANTABASINE	Stem				--
0	ANATABINE	Leaf				--
6	ANABASINE	Stem				--
6	ANABASINE	Root		22.0		--
6	ANABASINE	Leaf	0.0	0.002		--
6	ANABASINE	Sprout Seedling				--
0	ALPHA-POROIDINE	Shoot				--
0	ALKALOIDS	Leaf		20000.0	0.7342703302437227	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ACETYLTROPINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ACETYLATROPINE	Root				--
0	ACETOXYTROPINE	Root				--
0	8-HYDROXYDOTRIACONTAN-30-ONE	Shoot		2.0		--
0	6-METHYL-DOTRIACONTANE	Shoot		833.0		--
0	6-HYDROXYHYOSCYAMINE	Leaf				--
0	6-HYDROXY-APOATROPINE	Root				--
0	6-BETA-HYDROXYHYOSCYAMINE	Root				--
0	6-BETA-HYDROXYHYOSCYAMINE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-HYDROXYDOTRIACONTAN-28-ONE	Shoot		15.0		--
0	3-ALPHA-TIGLOYLOXYTROPANE	Shoot				--
0	(-)-PELLETIERINE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	(-)-HYOSCYAMINE	Tissue Culture				--