

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Duboisia myoporoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
89	URSOLIC-ACID	Shoot		10.0	-0.7356690493616181	--
51	ATROPINE	Stem		0.002	-1.0000000000000002	--
51	ATROPINE	Leaf		0.001	-1.0	--
51	ATROPINE	Root				--
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				--
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				--
21	NICOTINE	Leaf		1700.0	-0.6633632160555029	--
21	NICOTINE	Sprout Seedling				--
21	NICOTINE	Stem				--
21	NICOTINE	Root				--
21	CHLOROPHYLL	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	TIGLOIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	ANABASINE	Stem				--
6	ANABASINE	Root		22.0		--
6	ANABASINE	Leaf	0.0	0.002		--
6	ANABASINE	Sprout Seedling				--
3	SCOPOLIN	Shoot				Plouvier, V. 1987. Occurrence and distribution of syringoside, skimmim and similar coumarin glycosides and loganin in several botanical groups. C. R. Acad. Sci. Ser. III, 305(6): 183-186.
2	APOATROPINE	Root				--
2	APOATROPINE	Leaf				--
1	TROPINE	Leaf				--
1	TROPINE	Root				--
0	PENTATRIACONTAN-4-ONE	Shoot		6.3		--
0	TETRAMETHYLPUTRESCIN E	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	BUTROPINE	Leaf				--
0	8-HYDROXYDOTRIACONTAN-30-ONE	Shoot		2.0		--
0	NORSCOPOLAMINE	Shoot				--
0	3-HYDROXYDOTRIACONTAN-28-ONE	Shoot		15.0		--
0	APOHYOSCINE	Leaf				--
0	NORNICOTINE	Stem				--
0	HYGRINE	Leaf		1900.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	POROIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	6-HYDROXY-APOATROPINE	Root				--
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	NORNICOTINE	Root		32.0		--
0	HYGRINE	Root				--
0	NORNICOTINE	Leaf	0.0	0.001		--
0	AOSCOPOLAMINE	Root				--
0	ACETYLTROPINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
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	NORNICOTINE	Sprout Seedling				--
0	ALPHA-POROIDINE	Shoot				--
0	HENTRIACONTANYL-TETRATACONTANOATE	Shoot		90.0		--
0	NORHYOSCYAMINE	Leaf				--
0	ACETOXYTROPINE	Root				--
0	AOSCOPOLAMINE	Leaf				--
0	VALTROPINE	Shoot				--
0	NORATROPINE	Shoot				--
0	ACETYLATROPINE	Root				--
0	FATTY-ACIDS	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-ALPHA-TIGLOYLOXYTROPANE	Shoot				--
0	AOSCOPOLAMINE	Shoot				--
0	VALEROIDINE	Shoot				--
0	VALTROPINE	Leaf				--
0	DOTRIACONTAN-1-OL	Shoot		14.0		--
0	L-ANABASINE	Leaf				--
0	6-HYDROXYHYOSCYAMINE	Leaf				--
0	VALEROIDINE	Root				--
0	ISOPOROIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	6-BETA-HYDROXYHYOSCYAMINE	Root				--
0	TROPINE-NONANOATE	Leaf				--
0	CUSCOHYGRINE	Root				--
0	TROPINONE	Root				--
0	VALERODININE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	6-BETA-HYDROXYHYOSCYAMINE	Leaf				--
0	PROPIONYL-OXYTROPANE	Root				--
0	ANTABASINE	Stem				--
0	TIGLOYLTROPINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	HYOSCINE	Sprout Seedling				--
0	(-)-HYOSCYAMINE	Tissue Culture				--
0	BUTROPINE	Shoot				--
0	PHOSPHODIESTERASE	Tissue Culture				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ANATABINE	Leaf				--
0	DL-ISOPHELLETIERINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	6-METHYL-DOTRIACONTANE	Shoot		833.0		--
0	TETRATRIACONTANOIC-ACID	Shoot		76.0		--
0	BETULONIC-ACID	Shoot		100.0		--