

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	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.
21	NICOTINE	Leaf		1700.0	-0.6633632160555029	--
89	URSOLIC-ACID	Shoot		10.0	-0.7356690493616181	--
41	SCOPOLAMINE	Root		36.0	-0.7700012179784974	--
41	SCOPOLAMINE	Leaf	0.0	0.001	-0.9573064364913518	--
27	HYOSCYAMINE	Leaf	0.0	0.001	-0.9999999999999999	--
51	ATROPINE	Leaf		0.001	-1.0	--
51	ATROPINE	Stem		0.002	-1.0000000000000002	--
27	HYOSCYAMINE	Root		152.0	-1.1894558146124214	--
6	ANABASINE	Stem				--
0	PENTATRIACONTAN-4-ONE	Shoot		6.3		--
0	3-HYDROXYDOTRIACONTAN-28-ONE	Shoot		15.0		--
27	HYOSCYAMINE	Tissue Culture	26.0	910.0		--
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.
0	BUTROPINE	Leaf				--
6	ANABASINE	Root		22.0		--
0	NORSCOPOLAMINE	Shoot				--
0	6-HYDROXY-APOATROPINE	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
44	SCOPOLETIN	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.
0	APOHYOSCINE	Leaf				--
27	HYOSCYAMINE	Stem		0.001		--
0	NORNICOTINE	Stem				--
6	ANABASINE	Leaf	0.0	0.002		--
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	HYGRINE	Leaf		1900.0		--
0	POROIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
41	SCOPOLAMINE	Sprout Seedling				--
51	ATROPINE	Root				--
0	ACETOXYTROPINE	Root				--
0	NORNICOTINE	Root		32.0		--
6	ANABASINE	Sprout Seedling				--
0	VALTROPINE	Shoot				--
0	HYGRINE	Root				--
0	NORNICOTINE	Leaf	0.0	0.001		--
41	SCOPOLAMINE	Stem				--
0	APOSCOPOLAMINE	Root				--
0	ACETYLTROPINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-ALPHA-TIGLOYLOXYTROPANE	Shoot				--
0	NORNICOTINE	Sprout Seedling				--
0	ALPHA-POROIDINE	Shoot				--
0	VALEROIDINE	Shoot				--
0	HENTRIACONTANYL-TETRATACONTANOATE	Shoot		90.0		--
0	NORHYOSCYAMINE	Leaf				--
41	SCOPOLAMINE	Shoot				--
0	AOSCOPOLAMINE	Leaf				--
0	6-HYDROXYHYOSCYAMINE	Leaf				--
0	NORATROPINE	Shoot				--
0	ACETYLATROPINE	Root				--
0	FATTY-ACIDS	Leaf				--
0	AOSCOPOLAMINE	Shoot				--
0	6-BETA-HYDROXYHYOSCYAMINE	Root				--
21	NICOTINE	Sprout Seedling				--
0	VALTROPINE	Leaf				--
0	TROPINONE	Root				--
0	DOTRIACONTAN-1-OL	Shoot		14.0		--
0	L-ANABASINE	Leaf				--
41	SCOPOLAMINE	Tissue Culture	76.0	3929.0		--
2	APOATROPINE	Root				--
0	6-BETA-HYDROXYHYOSCYAMINE	Leaf				--
21	NICOTINE	Stem				--
0	VALEROIDINE	Root				--
0	TROPINE-NONANOATE	Leaf				--
0	CUSCOHYGRINE	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOPOROIDINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	APOATROPINE	Leaf				--
41	SCOPOLAMINE	Plant				--
0	(-)-HYOSCYAMINE	Tissue Culture				--
21	NICOTINE	Root				--
0	VALERODININE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	TROPINE	Leaf				--
21	CHLOROPHYLL	Leaf				--
0	ANTABASINE	Stem				--
0	PROPIONYL-OXYTROPANE	Root				--
0	6-METHYL-DOTRIACONTANE	Shoot		833.0		--
27	HYOSCYAMINE	Sprout Seedling				--
0	TIGLOYLTROPINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	TROPINE	Root				--
0	BUTROPINE	Shoot				--
0	HYOSCINE	Sprout Seedling				--
0	ANATABINE	Leaf				--
0	PHOSPHODIESTERASE	Tissue Culture				--
0	8-HYDROXYDOTRIACONTAN-30-ONE	Shoot		2.0		--
27	HYOSCYAMINE	Shoot				--

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.
0	TETRATRIACONTANOIC-ACID	Shoot		76.0		--
0	BETULONIC-ACID	Shoot		100.0		--
0	DL-ISOPelletierine	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.