

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Datura metel

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	WITHAMETELIN	Plant				--
1	TROPINE	Root				--
7	TIGLOIDINE	Root				--
41	SCOPOLAMINE	Stem		390.0	-1.0	--
41	SCOPOLAMINE	Seed	340.0	3235.0	1.060767432540479	--
41	SCOPOLAMINE	Root		1170.0	0.4759767802915031	--
41	SCOPOLAMINE	Leaf		1750.0	0.18623360733694988	--
18	OLEIC-ACID	Seed		73000.0	-0.37899734969890375	--
0	NORHYOSCYAMINE	Root				--
0	NORHYOSCINE	Root				--
0	NORATROPINE	Root				--
0	METELOIDINE	Root				--
27	HYOSCYAMINE	Root	2330.0	3560.0	4.1896999457986654E-4	--
0	HYOSCINE	Root				--
0	FESTUSIC-ACID	Seed				--
0	FESTUNINE	Seed				--
0	FESTUDINE	Seed				--
0	FAT	Seed	100000.0	120000.0	-0.7658084480895404	--
0	FASTUSSIC-ACID	Seed				--
0	FASTUSININE	Seed				--
0	FASTUSINE	Root				--
0	DATURANOLONE	Seed				--
0	CUSCOHYGRINE	Root				--
0	COUMARINS	Seed				--
1	CAPROIC-ACID	Seed		1200.0	-1.3991650845970496	--
0	BETA-LINOLEIC-ACID	Seed		3500.0	-1.0	--
51	ATROPINE	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
112	ASCORBIC-ACID	Leaf		2220.0	-0.2379323855718064	--
0	APOHYOSCINE	Root				--
0	ALPHA-LINOLEIC-ACID	Seed		28260.0	-0.09225682280339459	--
12	ALLANTOIN	Seed				--
0	ALKALOIDS	Seed	1700.0	5900.0	-0.5103379232863251	--
0	ALKALOIDS	Root	1000.0	7000.0	-0.5793598097004712	--
0	ALKALOIDS	Plant	900.0	5500.0	-0.2880857209019336	--
0	ALKALOIDS	Leaf	700.0	5500.0	-0.2400729604691801	--
0	ALKALOIDS	Fruit	890.0	2700.0	-0.415121020110766	--
0	ALKALOIDS	Flower	1700.0	9800.0	1.3487339738788957	--
0	ALKALOIDS	Stem	300.0	4100.0	0.09334174299487726	--
0	ALKALOIDS	Sprout Seedling		1900.0	-1.0	--
0	7-HYDROXY-3,6-DITIGLOYLOXYTROPANE	Root				--
0	3ALPHA-ACETOXYTROPANE	Root				--
0	3ALPHA,6BETA-DITIGLOYLOXYTROPANE	Root				--
0	3ALPHA,6BETA-DITIGLOYLOXYTROPAN-7BETA-OL	Root				--
0	3-ALPHA-TIGLOYLOXYTROPANE	Root				--