

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Datura stramonium*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
16	ACETIC-ACID	Plant	--	--		
3	ACETONE	Leaf	--	--		
1	ACONITIC-ACID	Plant	--	--		
2	APOATROPINE	Plant	--	--		
112	ASCORBIC-ACID	Plant	--	--		
51	ATROPINE	Plant	800	1000		
102	CAFFEIC-ACID	Plant	--	--		
77	CHLOROGENIC-ACID	Plant	--	--		
23	CITRIC-ACID	Plant	750	750	-0.598323519019182	
30	ESCULETIN	Plant	--	--		
24	ETHANOL	Plant	--	--		
61	FERULIC-ACID	Plant	--	--		
12	FORMALDEHYDE	Plant	--	--		
13	FORMIC-ACID	Plant	--	--		
7	FUMARIC-ACID	Plant	--	--		
1	GALACTOSE	Leaf	--	--		
7	GLUCOSE	Leaf	--	--		
4	GLYCOLIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
27	HYOSCYAMINE	Seed	80	490	-1	
1	ISOBUTYRALDEHYDE	Plant	--	--		
8	LACTIC-ACID	Plant	--	--		
1	LIGNOCERIC-ACID	Plant	--	--		
27	LINOLEIC-ACID	Seed	22500	45000	-0.5322691481100582	
15	MALIC-ACID	Plant	2120	2120	-0.6235911066661377	
2	METHANOL	Leaf	--	--		
2	NEO-CHLOROGENIC-ACID	Plant	--	--		
21	NICOTINE	Plant	--	--		
18	OLEIC-ACID	Seed	93000	186000	0.5499289978996471	
13	PALMITIC-ACID	Seed	15000	30000	-0.08060370797220892	
2	PROPIONALDEHYDE	Plant	--	--		
87	RUTIN	Plant	--	--		
41	SCOPOLAMINE	Seed	53	3050	0.9368577403415912	
44	SCOPOLETIN	Plant	--	--		
3	SCOPOLIN	Plant	--	--		
8	STEARIC-ACID	Plant	--	--		
7	SUCCINIC-ACID	Plant	--	--		
35	TANNIN	Plant	70000	70000	-0.1990770770371384	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
22	UMBELLIFERONE	Plant	--	--		