

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Datura innoxia***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(-)-3ALPHA,6BETA-DITIGLOYLOXYTROPANE	Plant	--	--		
0	3ALPHA,6BETA-DITIGLOYLOXYTROPANE	Plant	--	--		
0	7-HYDROXY-3,6-DITIGLOYLOXYTROPANE	Plant	--	--		
0	ALKALOIDS	Flower	5170	5170	0.014409551002979656	
0	ALKALOIDS	Fruit	1200	7700	0.40070804004796146	
0	ALKALOIDS	Shoot	6010	6010	0.05666781419110804	
0	ALKALOIDS	Leaf	2500	5500	-0.2400729604691801	
0	ALKALOIDS	Stem	3000	3000	-0.32067405254691705	
0	ALKALOIDS	Root	3900	3900	-0.7308663556020021	
0	ALKALOIDS	Seed	2300	4400	-0.5881491537121726	
2	APOATROPINE	Plant	--	--		
51	ATROPINE	Plant	--	--		
22	BETULINIC-ACID	Tissue Culture	--	--		Jim Duke's personal files.
0	CUSCOHYGRINE	Root	195	1170		
0	DATURADIOL	Plant	--	--		
0	DATURANOLONE	Plant	--	--		
0	DITIGLOYLTELOIDINE	Leaf	75	1650		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DITIGLOYLTELOIDINE	Root	80	1015		
0	DITIGLOYLTELOIDINE	Stem	60	600		
0	FAT	Seed	120000	220000	-0.23907267817038622	
27	HYOSCYAMINE	Seed	480	925	1	
27	HYOSCYAMINE	Shoot	1840	1840		
27	HYOSCYAMINE	Flower	1880	1880		
27	HYOSCYAMINE	Leaf	1410	3100	0.9999999999999999	
27	HYOSCYAMINE	Root	860	1870	-0.5896304390388216	
0	METELOIDINE	Root	40	390		
0	METELOIDINE	Leaf	690	1515		
0	NORHYOSCYAMINE	Plant	--	--		
0	PROTEIN	Seed	200000	200000	-0.30063352286822675	
0	PSEUDOTROPINE	Plant	--	--		
41	SCOPOLAMINE	Leaf	675	3850	1.5584824440731044	
41	SCOPOLAMINE	Root	935	2340	1.76150963564944	
41	SCOPOLAMINE	Seed	200	205	-0.9686723910413058	
41	SCOPOLAMINE	Shoot	1660	1660		
41	SCOPOLAMINE	Flower	670	670		
44	SCOPOLETIN	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	TIGLOIDINE	Plant	--	--		
1	TROPINE	Plant	--	--		