

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Annona squamosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	CEROTIC-ACID	Plant				--
4	PARAFFIN	Plant				--
5	ISOCORYDINE	Leaf				--
2	ANNONASTATIN	Seed				--
35	BORNEOL	Leaf				--
0	SQUAMOLONE	Root				--
14	MANGANESE	Leaf		253.0	-0.03928389346554585	--
2	ASPARAGINE	Plant				--
2	(-)-XYLOPINE	Leaf				--
2	ANNONACIN-A	Seed				--
10	ANONAIN	Seed				--
28	CALCIUM	Leaf		21200.0	0.18877694114657925	--
3	SQUAMOCIN	Seed				--
15	MALIC-ACID	Plant				--
5	HIGENAMINE	Leaf				--
9	ASIMICIN	Seed				--
0	(-)-KAURAN-17-OL-19-AL	Plant				--
5	ORNITHINE	Fruit				--
1	NORISOCORYDINE	Leaf				--
6	ANNONACIN	Seed				--
0	HEXAHYDRO-3H-1,3-DIAZEPINE-2,4-DIONE	Plant				--
0	(-)-KAURAN-17-ACETOXY-19-AL	Plant				--
0	NORUSHINSUNINE	Plant				--
0	NORCORYDINE	Leaf				--
2	FARNESENE	Plant				--
28	ALPHA-PINENE	Plant				--
0	ROEMERINE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	CADALENE	Plant				--
0	HEXADECANOIC-ACID	Plant				--
3	(-)-KAUR-16-EN-19-OIC-ACID	Bark				--
0	NORLAURELINE	Leaf				--
0	NITROSOCHLORIDE	Plant				--
0	DIENONE	Plant				--
0	ALPHA-CARYOPHYLLENE	Plant				--
11	LIRIODENINE	Root Bark				--
4	BULLATACINONE	Bark				--
9	HCN	Plant				--
14	ARGININE	Fruit				--
0	XYLOPINE	Leaf				--
0	NITROHETEROSIDE	Plant				--
0	DEMETHYLCOCLAURINE	Leaf				--
0	4-(2-NITROMETHYL)-1-(6-O-BETA-D-XYLOPYRANOSYL-BETA-D-GLUCOPYRANOSYL)-OXYBENZENE	Plant				--
0	TRANS-OCIMENE	Plant				--
10	RETICULINE	Plant				--
0	LANUGINOSINE	Leaf				--
12	BULLATACIN	Bark				--
0	ARACHIDIC-ACID	Plant				--
60	LIMONENE	Plant				--
0	NITROGEN	Leaf		36000.0	-0.3885281323832231	--
6	CORYDINE	Leaf				--
0	4-(2-NITROETHYL)PHENOL-O-PRIMEVEROSIDE	Plant				--
0	RESIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	BORON	Leaf		107.0	1.2462766786046107	--
10	GLAUCINE	Leaf				--
0	APORPHINE	Plant				--
0	KAURAN-17-OL-19-AL	Plant				--
5	CITRULLINE	Fruit				--
0	17-HYDROXYKAURAN-19-AL	Plant				--
6	TARTARIC-ACID	Plant				--
0	KAUR-16-EN-19-YL-ACETATE	Plant				--
0	BORNYL-ACATATE	Plant				--
22	GABA	Fruit				--
0	ANOLOBINE	Root				--
0	KAURAN-17-ACETOXY-19-AL	Plant				--
23	CITRIC-ACID	Plant				--
0	17-ACETOXY-19-KAURANAL	Plant				--
35	TANNIN	Plant				--
2	NEOANNONIN	Seed				--
0	KAUR-16-EN-19-OL	Plant				--
13	BETA-PINENE	Plant				--
8	FRUCTOSE	Fruit				--
4	ANNONIN-VI	Seed				--
3	KAUR-16-EN-19-OIC-ACID	Bark				--
1	CHOLESTEROL	Plant				--
0	(+)-O-METHYLARMEPAVINE	Leaf				--
0	MICHELALBINE	Root				--
0	KAUR-16-EN-19-AL	Plant				--
0	BETA-CARYOPHYLLENE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	FRIEDELIN	Leaf				--
3	ANNONIN-I	Seed				--
41	CAMPHOR	Plant				--
53	BETA-CAROTENE	Fruit	0.0	0.2	-0.1504140327340827	--
15	RIBOFLAVIN	Fruit	1.0	5.0	-0.0019916133753625524	--
31	THIAMIN	Fruit	1.0	5.0	-0.0425885992841977	--
11	PANTOTHENIC-ACID	Fruit	2.0	8.0	-0.6445258880742392	--
0	VIT-B-6	Fruit	2.0	8.0	-0.03458267773640783	--
6	IRON	Fruit	6.0	66.0	-0.26568397107756236	--
39	NIACIN	Fruit	8.0	36.0	-0.3301709114712296	--
1	SODIUM	Fruit	50.0	457.0	-0.14061398970352135	--
15	METHIONINE	Fruit	70.0	260.0	-0.8601790106126695	--
29	TRYPTOPHAN	Fruit	100.0	375.0	-0.667264376572005	--
65	MAGNESIUM	Fruit	210.0	785.0	-0.6226912868068107	--
28	CALCIUM	Fruit	216.0	1335.0	-0.581812992522026	--
4	PHOSPHORUS	Fruit	260.0	1600.0	-0.4908418737652641	--
112	ASCORBIC-ACID	Fruit	340.0	1600.0	-0.18500581710669448	--
4	LYSINE	Fruit	550.0	2055.0	-0.533389446688918	--
0	KILOCALORIES	Fruit	780.0	3530.0	-0.19828593807272307	--
0	FAT	Fruit	2000.0	21000.0	-0.48085577897776677	--
14	POTASSIUM	Fruit	2200.0	13290.0	-0.40932385858783377	--
0	ASH	Fruit	7000.0	40000.0	-0.4315138599096578	--
15	FIBER	Fruit	12000.0	71000.0	-0.66693630707276	--
0	PROTEIN	Fruit	14000.0	86590.0	-0.30709894028424595	--
14	SUCROSE	Fruit	72900.0	272500.0	1.1852785797104357	--
7	GLUCOSE	Fruit	72900.0	272500.0	1.9970834669898063	--
0	FAT	Seed	140000.0	490000.0	1.1831139006113305	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	SUGAR	Fruit	145800.0	545000.0	2.41764953989698	--
0	CARBOHYDRATES	Fruit	200000.0	904000.0	0.6476819123129639	--
0	WATER	Fruit	728000.0	775000.0	0.01923711156808432	--