

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Gardenia jasminoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Fruit	2810.0	4710.0	0.1970032671907855	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
65	MAGNESIUM	Fruit	1880.0	2170.0	0.0186441813858007	--
12	COPPER	Fruit	10.0	13.0	0.014090749380317144	--
6	IRON	Fruit	40.0	130.0	-0.011813220344521346	--
1	SODIUM	Fruit	731.0	985.0	-0.09054434268860892	--
14	POTASSIUM	Fruit	13800.0	15300.0	-0.2314918720898178	--
14	MANGANESE	Fruit	16.0	19.0	-0.27825396850008577	--
0	FAT	Seed	140000.0	200000.0	-0.34441983215421706	--
0	EO	Flower		700.0	-0.4000177745189089	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
77	ZINC	Fruit	10.0	17.0	-0.40018873103446667	--
2	ARSENIC	Fruit		0.05	-0.4728474209824816	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	ASH	Seed		25000.0	-0.6881795914949315	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Seed		144000.0	-0.7987825240384804	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
18	TERPINEOL	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	DEACETYLASPERULOSIDE-ACID-METHYL-ESTER	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	METHYL-DEACETYLASPERULOSIDATE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	10-ACETYLGENIPOSIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	GARDENIC-ACID-A	Flower				--
10	GENIPOSIDE	Fruit				--
35	TANNIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	CROCIN-1	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	(1R,74,8S,10R)-7,8,11-TRIHYDROXYGUAI-4-EN-3-ONE-8-O-BETA-D-GLUCOPYRANOSIDE	Fruit				--
2	METHYL-ANTHRANILATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	GARDENATE-A	Fruit				--
0	GENIPIN-1-BETA-D-GLUCOSIDE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	STYRENE-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
4	CROCIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
18	MANNITOL	Fruit				--
0	PENTA-ACETYL-GENIPOSIDE	Leaf				--
5	DAUCOSTEROL	Flower				--
0	GENIPIN-1-BETA-D-GENTI BIOSIDE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	2-HYDROXYETHYL-GARDENAMIDE-A	Fruit				--
4	CROCIN	Flower				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

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6	GENIPIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	SHANZHISIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
3	CHLOROGENIN	Fruit				--
1	GARDENIC-ACID	Plant				--
0	CROCETIN-MONO(BETA-GENTIOBIOSYL)-ESTER	Fruit				--
0	GARDOSIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
1	SCANDOSIDE-METHYL-ESTER	Fruit				--
7	LINALYL-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	BORNYL-6-O-BETA-D-XYLOPYRANOSYL-BETA-D-GLUCOPYRANOSIDE	Flower				--
10	CROCETIN	Fruit				--
6	GARDENOSIDE	Leaf				--
47	BETA-SITOSTEROL	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	LINALOL	Flower				--
0	ZHIZININ-A	Flower				--
35	BORNEOL	Flower				--
6	GARDENOSIDE	Fruit				--
9	BENZYL-ACETATE	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	(R)-LINALYL-6-O-ALPHA-L-ARABINOPYRANOSYL-BETA-D-GLUCOPYRANOSIDE	Flower				--
0	13-Z-CROCIN-ESTER	Fruit				--
2	GARDENIN	Fruit				--
0	PICROCROCINIC-ACID	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)

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0	BENZOIC-ACID-ESTER	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	JASMINOSIDE-F	Fruit				--
0	GENTIOBIOSIDE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
53	LINALOOL	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
24	PECTIN	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	GARDENODIC-ACID-A	Plant				--
10	GENIPOSIDIC-ACID	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
2	NONACOSANE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
1	GARDENIC-ACID-B	Flower				--
10	GENIPOSIDE	Leaf				--