

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Camellia japonica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	(+)-CATECHOL	Leaf				Wealth of India.
0	(-)-EPICATECHOL	Leaf				Wealth of India.
0	18-BETA-HYDROXY-28-NOROLEAN-12,17-DIEN-16-ONE	Flower				Wealth of India.
0	24-METHYL-CHOLEST-7-ENOL	Seed				Wealth of India.
0	24-METHYLENE-DAMMARENOL	Seed				Wealth of India.
0	3-BETA-18-BETA-DIHYDROXY-28-NOROLEAN-12-EN-16-ONE	Flower				Wealth of India.
0	3-BETA-HYDROXY-28-NOROLEAN-12,17-DIEN-16-ONE	Flower				Wealth of India.
10	ALPHA-AMYRIN	Seed				Wealth of India.
2	ALPHA-SPINASTEROL	Seed				Wealth of India.
0	ARABINOSE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	BETA-AMYRIN	Seed				Wealth of India.
9	BETA-AMYRIN	Leaf				Wealth of India.
0	BUTYROSPERMOL	Seed				Wealth of India.
0	CAMELLIAGENIN-A	Seed				Wealth of India.
0	CAMELLIAGENIN-B	Seed				Wealth of India.
0	CAMELLIAGENIN-C	Seed				Wealth of India.
2	CAMELLIDIN-I	Leaf				--
3	CAMELLIDIN-II	Leaf				--
1	CAMELLIN	Seed				Wealth of India.
0	CYANDIN-3-P-COUMAROYLGLUCOSIDE	Flower				Wealth of India.
0	CYANIDIN-3-GLUCOSIDE	Flower				Wealth of India.
3	DAMMARADIENOL	Seed				Wealth of India.
1	DELTA-7-AVENASTEROL	Seed				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DELTA-7-STIGMASTEROL	Seed				Wealth of India.
8	ELLAGITANNIN	Flower				Wealth of India.
1	EUPHOL	Seed				Wealth of India.
0	FAT	Seed	640000.0	670000.0	2.131238286465808	Wealth of India.
0	FLAVAN-3-OL	Flower				Wealth of India.
0	GENIN-D	Flower				Wealth of India.
0	GERMANICOL	Seed				Wealth of India.
0	HYACINTHIN	Flower				Wealth of India.
21	LUPEOL	Seed				Wealth of India.
18	OLEIC-ACID	Seed	554880.0	580890.0	3.796156656334971	Wealth of India.
24	PECTIN	Flower				Wealth of India.
9	PEDUNCULAGIN	Flower				--
0	PSI-TARAXASTEROL	Seed				Wealth of India.
2	TARAXASTEROL	Seed				Wealth of India.
2	TARAXEROL	Seed				Wealth of India.
0	TELLIMIGRANDIN-I	Flower				Wealth of India.
21	THEOBROMINE	Leaf				Wealth of India.
21	THEOBROMINE	Flower				--
1	TIGLIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TIRUCALLA-7,24-DIENOL	Seed				Wealth of India.
0	TIRUCALLOL	Seed				Wealth of India.
0	URONIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.