

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

**Chemicals found in Rosa damascena**

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	EO	Flower	250.0	500.0	-0.406676208877376	--
0	CAROTENE	Pollen Or Spore	7.0	8.0		--
0	METHYL-HEPTENONE	Essential Oil				--
28	ALPHA-PINENE	Essential Oil				--
23	TERPINEN-4-OL	Essential Oil				--
0	PARAFFIN-C-23	Essential Oil				--
2	GERMACRENE-D	Essential Oil				--
0	OLEFIN-C-18	Essential Oil				--
2	CITRONELLYL-ACETATE	Essential Oil				--
0	3-HEXENAL	Essential Oil				--
0	TARAXANTHIN	Fruit				--
20	METHYL-EUGENOL	Essential Oil				--
0	PARAFFIN-C-22	Essential Oil				--
2	GERANYL-PROPIONATE	Essential Oil				--
0	OLEFIN-C-17	Essential Oil				--
15	CITRONELLOL	Essential Oil				--
1	RUBIXANTHIN	Fruit				--
16	LYCOPENE	Fruit				--
0	PARAFFIN-C-21	Essential Oil				--
5	GERANYL-ACETATE	Essential Oil				--
0	OCTANOL	Essential Oil				--
0	CIS-ROSE-OXIDE	Essential Oil				--
44	QUERCITRIN	Flower				--
0	LINALOL	Essential Oil				--
0	PARAFFIN-C-20	Essential Oil				--
35	GERANIOL	Essential Oil				--
0	OCTANAL	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
60	CINNAMALDEHYDE	Essential Oil				--
60	LIMONENE	Essential Oil				--
176	QUERCETIN	Flower				--
0	KAEMPFEROL-3-O-BETA-GLUCOPYRANOSIDE	Plant				--
0	PARAFFIN-C-19	Essential Oil				--
13	GERANIAL	Essential Oil				--
9	CAMPHENE	Essential Oil				--
0	NONANOL	Essential Oil				--
77	CHLOROGENIC-ACID	Pollen Or Spore		15000.0		--
19	CARVONE	Essential Oil				--
0	PROLINE	Pollen Or Spore				--
0	KAEMPFEROL-3-O-BETA-GALACTOPYRANOSIDE	Plant				--
0	PARAFFIN-C-17	Essential Oil				--
76	EUGENOL	Essential Oil				--
5	ZEAXANTHIN	Fruit				--
5	NERYL-ACETATE	Essential Oil				--
6	PHENETHYL-ALCOHOL	Essential Oil				--
75	KAEMPFEROL	Plant				--
0	PARAFFIN-C-16	Essential Oil				--
24	ETHANOL	Essential Oil				--
0	NEROL-OXIDE	Essential Oil				--
47	BETA-SITOSTEROL	Plant				--
3	XANTHOPHYLL	Fruit				--
0	PENTANAL	Essential Oil				--
1	HEXYL-ACETATE	Essential Oil				--
0	PARAFFIN-C-15	Essential Oil				--
10	NEROL	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
13	BETA-PINENE	Essential Oil				--
0	TRANS-TRANS-FARNESOL	Essential Oil				--
2	PECTOLINARIGENIN	Plant				--
3	HEXANOL	Essential Oil				--
0	OLEFIN-C-21	Essential Oil				--
0	DECANAL	Essential Oil				--
4	NERAL	Essential Oil				--
1	BETA-PHENETHYLAMINE	Plant				--
0	TRANS-ROSE-OXIDE	Essential Oil				--
0	PARAFFIN-C-25	Essential Oil				--
0	HEPTANOL	Essential Oil				--
0	OLEFIN-C-20	Essential Oil				--
0	DAMASCENONE	Plant				--
22	MYRCENE	Essential Oil				--
24	BENZALDEHYDE	Essential Oil				--
0	TRANS-BETA-DAMASCENONE	Essential Oil				--
0	PARAFFIN-C-24	Essential Oil				--
0	HEPTANAL	Essential Oil				--
0	OLEFIN-C-19	Essential Oil				--
5	CYANIN	Flower				--