

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Ruta graveolens

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	1-(4',4'-DIMETHYLHEXEN-5'-YL)-3,4-METHYLENEDIOXYBENZOL	Root				--
0	1-HYDROXY-3-METHOXY-N-METHYLACRIDONE	Plant				--
0	1-METHYL-2-N-NONYL-4-QUINOLONE	Plant				--
0	2-(4-(3,4-METHYLENEDIOXYPHENYL)-BUTYL)-4-QUINOLINE	Leaf				--
0	2-DECANONE	Essential Oil				--
0	2-DECYL-ALCOHOL	Leaf				--
0	2-HEPTANOL	Plant				--
0	2-HEPTANONE	Plant				--
0	2-N-DODECYL-1,4-QUINOLONE	Root				--
0	2-N-TETRADECYL-4-QUINOLONE	Root				--
0	2-N-TRIDECYL-4-QUINOLONE	Root				--
0	2-N-UNDECYL-4-QUINOLONE	Root				--
0	2-NONANOL	Plant				--
2	2-NONANONE	Plant				--
0	2-NONYL-ALCOHOL	Leaf				--
0	2-OCTANONE	Plant				--
0	2-UNDECANOL	Plant				--
4	2-UNDECANONE	Plant	630.0	6300.0	1.0	--
0	2-UNDECYLALCOHOL	Leaf				--
0	3-(1',1'-DIMETHYLALLYL)-8-(3',3'-DIMETHYLALLYL)-XANTHYLETIN	Plant				--
0	3-(1',1'-DIMETHYLALLYL)-DAPHNETINDIMETHYLETH ER	Root				--
0	3-(1',1'-DIMETHYLALLYL)-HERNIARIN	Root				--
0	6-METHOXYDICTAMNINE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	8-METHOXYGRAVELLIFERONE	Root				--
28	ALPHA-PINENE	Plant				--
6	ANISIC-ACID	Plant				--
8	ARBORININE	Plant				--
112	ASCORBIC-ACID	Leaf		4790.0	5.308659189316285E-4	--
26	BERGAPTEN	Plant				--
13	BETA-PINENE	Plant				--
5	BYAKANGELICIN	Plant				--
0	CAROTENE	Leaf		944.0	0.312259432406706	--
0	CERYL-ALCOHOL	Seed				--
3	CHALEPENSIN	Root				--
0	CINEOLE	Plant				--
2	DAPHNORETIN	Root				--
0	DAPHNORETIN-METHYL-ETHER	Root				--
11	DICTAMNINE	Plant				--
0	EMODIC-ACID	Leaf				--
0	EO	Leaf	600.0	7000.0	-0.39890044792521095	--
0	ERYTHROBUTAN-2,3-DIOL	Plant				--
1	ETHYL-VALERATE	Essential Oil				--
0	FAT	Seed		370000.0	0.5510309767083454	--
0	FURACRIDONE	Plant				--
0	GAMMA-FAGARINE	Plant				--
0	GEIGERINE	Plant				--
0	GRAVACRIDINOLCHLORINE	Plant				--
0	GRAVACRIDOCHLORINE	Plant				--
0	GRAVACRIDONEDIOL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GRAVACRIDONEDIOL-O-BETA-D-GLUCOSIDE	Plant				--
0	GRAVACRIDONEDIOL-O-METHYL-ETHER	Plant				--
0	GRAVACRIDONETRIOL	Plant				--
0	GRAVELLIFERONE	Root				--
0	GRAVELLIFERONE-METHYL-ETHER	Root				--
0	GRAVEOLINE	Plant				--
0	GRAVEOLINIC-ACID	Leaf				--
3	GRAVEOLININE	Plant				--
18	GUAIACOL	Plant				--
1	HELIOXANTHIN	Plant				--
12	HERNIARIN	Plant				--
2	ISOBUTYRIC-ACID	Leaf				--
0	ISOIMPERATOPIN	Plant				--
15	ISOPIMPINELLIN	Plant				--
0	ISOPROPYLDIHYDROXYFUROQUINOLINE	Leaf				--
0	ISORUTARIN	Plant				--
5	ISOVALERIC-ACID	Leaf				--
0	KOKUSAGININE	Plant				--
60	LIMONENE	Plant				--
27	LINOLEIC-ACID	Seed				--
0	LINOLENIC-ACID	Seed				--
15	MALIC-ACID	Leaf				--
0	MARMESINE	Root				--
0	MARMESININE	Root				--
0	METHYL-ANTHRALINATE	Essential Oil				--
0	METHYL-BUTYRIC-ACID	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	METHYL-HEPTYL-KETONE	Essential Oil				--
0	METHYL-N-HEPTYL-CARBINOL	Essential Oil				--
0	METHYL-N-NONYL-CARBINOL	Essential Oil				--
0	METHYL-N-NONYL-KETONE	Essential Oil				--
21	METHYL-SALICYLATE	Essential Oil				--
0	N-METHYLPLATYDESMINIUM	Leaf				--
0	NAPTHOHERNIARIN	Plant				--
18	OLEIC-ACID	Seed Oil				--
13	PALMITIC-ACID	Seed Oil				--
0	PANGELIN	Plant				--
26	PHENOL	Plant				--
0	PHOLIOSIDINE	Leaf				--
0	PREGEIJERENE	Plant				--
6	PROPIONIC-ACID	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	PROPIONIC-ACID	Lg				--
31	PSORALEN	Plant				--
176	QUERCETIN	Plant				--
0	RIBALINIDINE	Leaf				--
0	RIBALINIUM	Leaf				--
0	RUTACRIDINE	Plant				--
0	RUTACRIDONE	Plant				--
0	RUTACULTIN	Root				--
0	RUTALINIUM	Leaf				--
4	RUTAMARIN	Plant				--
0	RUTAMARIN-ALCOHOL	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	RUTAMINE	Leaf				--
0	RUTARETIN	Plant				--
0	RUTARIN	Leaf		9000.0		--
87	RUTIN	Plant		20000.0	-0.38149048246186607	--
0	SAVININE	Plant				--
44	SCOPOLETIN	Plant				--
0	SITOSTEROL	Seed				--
21	SKIMMIANINE	Plant				--
8	STEARIC-ACID	Seed Oil				--
0	SUBERENONE	Plant				--
0	TAIWANIN-C	Plant				--
22	UMBELLIFERONE	Plant				--
0	UNDECYL-2-ACETATE	Plant				--
43	XANTHOTOXIN	Plant				--