

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Eruca sativa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-OCTEN-3-OL	Hs				--
0	2-ACETYLTIAZOLE	Hs				--
0	2-METHYL-ANISOL	Hs				--
1	2-OCTANOL	Hs				--
0	2-PENTYL-FURANE	Hs				--
2	3-OCTANOL	Hs				--
0	3-OCTANONE	Hs				--
0	4-MERCAPTOBUTYL-GLUCOSINOLATE	Leaf				--
0	4-METHYL-SULFINYL-GLUCOSINOLATE	Leaf				--
0	4-METHYL-THIO-BUTYL-GLUCOSINOLATE	Leaf				--
0	4-METHYLTHIOBUTYL-ISOTHIOCYANATE	Hs				--
1	4-PENTENYL-ISOTHIOCYANATE	Hs				--
0	5-METHYLTHIO-PENTANENITRILE	Hs				--
0	5-METHYLTHIO-PENTYL-ISOTHIOCYANATE	Hs				--
6	ACETALDEHYDE	Hs				--
16	ACETIC-ACID	Hs				--
6	ACETOPHENONE	Hs				--
0	ALKALOIDS	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
16	ALLYL-ISOTHIOCYANATE	Hs				--
0	ASH	Seed		48000.0	0.003605897683216254	--
1	BEHENIC-ACID	Seed	4725.0	7370.0	0.011938566371308999	--
24	BENZALDEHYDE	Hs				--
9	BENZYL-ALCOHOL	Hs				--
17	BENZYL-BENZOATE	Hs				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	BETA-CARYOPHYLLENE	Hs				--
0	BETA-CITRONELLOL	Hs				--
0	BETA-FARNESOL	Hs				--
1	CARVEOL	Hs				--
19	CARVONE	Hs				--
0	CIS-3-HEXENYL-2-METHYLBUTANOATE	Hs				--
0	CIS-3-HEXENYL-ACETATE	Hs				--
0	CIS-3-HEXENYL-BUTANOATE	Hs				--
0	CIS-HEXEN-1-OL	Hs				--
10	CUMINALDEHYDE	Hs				--
0	CUMINYL-ALCOHOL	Hs				--
2	DECANOL	Hs				--
9	DELTA-CADINENE	Hs				--
2	DODECANAL	Hs				--
1	DODECANOL	Hs				--
0	EICOSENOIC-ACID	Seed	16425.0	34400.0	1.5382213590576663	--
2	ERUCIC-ACID	Seed	75150.0	161460.0	0.8881907855146446	--
0	FAT	Seed	225000.0	351000.0	0.45095118042370613	--
6	FURFURAL	Hs				--
0	GLUCOERUCIN	Seed				--
0	HEPTAN-3-OL	Hs				--
1	HEXADECANOL	Hs				--
5	HEXANAL	Hs				--
2	HEXANOIC-ACID	Hs				--
3	HEXANOL	Hs				--
0	HEXYL-OCTANOATE	Hs				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	ISORHAMNETIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	ISORHAMNETIN-3-GLUCOSIDE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	LIGNOCERIC-ACID	Seed	4050.0	6320.0	0.27875299328731745	--
60	LIMONENE	Hs				--
27	LINOLEIC-ACID	Seed	18675.0	53700.0	-0.45772668438816433	--
0	LINOLENIC-ACID	Seed	32850.0	69150.0	0.6273254923866362	--
0	METHYL-DODECANOATE	Hs				--
20	METHYL-EUGENOL	Hs				--
0	NONANAL	Hs				--
2	NONANOIC-ACID	Hs				--
0	NONANOL	Hs				--
5	OCTANOIC-ACID	Hs				--
0	OCTANOL	Hs				--
18	OLEIC-ACID	Seed	22700.0	62475.0	-0.4655190294199192	--
13	PALMITIC-ACID	Seed	9000.0	18250.0	-0.3230443334277365	--
0	PHYTOSTEROL	Seed		560.0		--
0	PROTEIN	Seed	296000.0	374000.0	1.2471865879107757	--
0	QUERCETIN-3'-(6-SINAPOYL-O-BETA-D-GLUCOPYRANOSYL)-3,4'-DI-O-BETA-D-GLUCOPYRANOSIDE	Leaf				--
0	QUERCETIN-3,3',4'-TRI-O-BETA-D-GLUCOPYRANOSIDE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	QUERCETIN-3-(2-SINAPOYL-O-BETA-D-GLUCOPYRANOSYL)-3'-(6-SINAPOYL-O-BETA-D-GLUCOPYRANOSYL)-4'-O-BETA-D-GLUCOPYRANOSIDE	Leaf				--
0	SITOSTEROL	Seed		500.0		--
8	STEARIC-ACID	Seed	2900.0	6600.0	-0.4221924518983293	--
0	TETRAHYDROTHIOPHENE	Hs				--
0	TRANS,TRANS-2,4-HEPTADIENAL	Hs				--
4	TRANS-2-HEXENAL	Hs				--
0	TRANS-2-NONENAL	Hs				--
0	TRANS-HEXEN-1-OL	Hs				--
2	UNDECANAL	Hs				--