

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ferula assa-foetida*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	VANILLIN	Plant		600.0		--
9	VALERIC-ACID	Essential Oil				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
22	UMBELLIFERONE	Essential Oil				--
22	UMBELLIFERONE	Gum				--
4	PHELLANDRENE	Gum		64000.0		--
4	PHELLANDRENE	Seed Essent. Oil		54800.0		--
18	OLEIC-ACID	Seed		53000.0	-0.5434090926367003	--
6	MYRISTIC-ACID	Seed Essent. Oil		212300.0	1.0	--
78	LUTEOLIN	Fruit				--
27	LINOLEIC-ACID	Seed		128000.0	0.17888309199536606	--
15	ISOPIMPINELLIN	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	GLUCURONIC-ACID	Gum				--
7	GLUCOSE	Gum				--
1	GALBANIC-ACID	Gum		20600.0		--
1	GALACTOSE	Gum				--
1	FOETIDIN	Gum				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
1	FOETIDIN	Root		500.0		--
61	FERULIC-ACID	Gum				--
61	FERULIC-ACID	Essential Oil				--
61	FERULIC-ACID	Resin, Exudate, Sap		13000.0		--
25	DIALLYL-SULFIDE	Essential Oil				--

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25	DIALLYL-SULFIDE	Gum				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
26	DIALLYL-DISULFIDE	Essential Oil				--
3	CYNAROSIDE	Fruit				--
4	CADINENE	Essential Oil				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
13	BETA-PINENE	Essential Oil				--
10	AZULENE	Root				--
23	ALPHA-TERPINEOL	Seed Essent. Oil		127100.0	0.07775930700042463	--
28	ALPHA-PINENE	Essential Oil				--
28	ALPHA-PINENE	Gum		143000.0		--
28	ALPHA-PINENE	Seed Essent. Oil		14300.0	-0.6432551188420427	--
11	ALPHA-PHELLANDRENE	Essential Oil				--