

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Agastache foeniculum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(Z)-BETA-OCIMENE	Plant	3.0	120.0	1.4074844462950056	--
2	3-OCTANOL	Plant	3.0	35.0	-0.580438429077849	--
0	3-OCTANONE	Plant		30.0	-0.4038877488888792	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of <i>Agastache foeniculum</i> , A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
0	4-CADENEN-OL	Plant		5.0		Mazza, G. and Kiehn, F.A. 1992. Essential Oil of <i>Agastache foeniculum</i> , A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
16	ACACETIN	Leaf				Jim Duke's personal files.
16	ACACETIN	Inflorescence				Jim Duke's personal files.
28	ALPHA-PINENE	Plant	1.0	35.0	-0.4567063639993349	--
7	ANISALDEHYDE	Plant		1.0		Mazza, G. and Kiehn, F.A. 1992. Essential Oil of <i>Agastache foeniculum</i> , A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
24	BENZALDEHYDE	Plant	1.0	135.0	0.05009904351318192	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of <i>Agastache foeniculum</i> , A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
13	BETA-PINENE	Plant	2.0	25.0	-0.4084932537932118	--
0	BETA-SABININE	Plant	1.0	125.0		--
9	CAMPHENE	Plant	1.0	35.0	-0.5459540576133597	--
31	CARYOPHYLLENE	Plant	8.0	100.0	-0.4439011295451728	--
3	CIS-OCIMENE	Plant	3.0	35.0	-0.3890665139611692	--
4	COSMOSIIN	Leaf				Jim Duke's personal files.
4	COSMOSIIN	Inflorescence				Jim Duke's personal files.
3	CYNAROSIDE	Leaf				Jim Duke's personal files.
3	CYNAROSIDE	Inflorescence				Jim Duke's personal files.
19	D-LIMONENE	Plant				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DIMETHYL-HEXANAL	Plant	1.0	60.0		Mazza, G. and Kiehn, F.A. 1992. Essential Oil of Agastache foeniculum, A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
0	DIOSMETIN-7-O-BETA-D-GLUCOSIDE	Leaf				Jim Duke's personal files.
0	DIOSMETIN-7-O-BETA-D-GLUCOSIDE	Inflorescence				Jim Duke's personal files.
0	EO	Plant	1000.0	12500.0	0.20984924567300284	--
12	ESTRAGOLE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
12	ESTRAGOLE	Essential Oil	820000.0	930000.0	0.8815118739276978	Jim Duke's personal files.
0	ETHYLDIMETHYLHEPTENE	Plant	1.0	75.0		Mazza, G. and Kiehn, F.A. 1992. Essential Oil of Agastache foeniculum, A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
2	GERMACRENE-D	Plant	25.0	2525.0	1.7063511464872785	--
60	LIMONENE	Plant	2.0	25.0	-0.47043922202338057	--
0	LINALOL	Plant		15.0	-0.4288239366023661	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of Agastache foeniculum, A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
6	METHYL-CHAVICOL	Plant	555.0	12160.0	1.5482531212852728	--
22	MYRCENE	Plant		30.0	-0.44314297648900247	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of Agastache foeniculum, A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
0	PARA-METHOXY CINNAMALDEHYDE	Plant				Jim Duke's personal files.
0	TILIANIN	Leaf				Jim Duke's personal files.
0	TILIANIN	Inflorescence				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
8	TRANS-ANETHOLE	Plant		20.0	-0.4561651650969948	Mazza, G. and Kiehn, F.A. 1992. Essential Oil of Agastache foeniculum, A Potential Source of Methyl Chavicol. J. Ess. Oil Res., 4: 295-299.
0	TRANS-OCIMENE	Plant	15.0	1150.0	2.912514752459382	--