Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Agastache foeniculum

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
12	ESTRAGOLE	Essential Oil	820000.0	930000.0	0.8815118739276978	Jim Duke's personal files.
0	EO	Plant	1000.0	12500.0	0.20984924567300284	--
6	METHYL-CHAVICOL	Plant	555.0	12160.0	1.5482531212852728	--
2	GERMACRENE-D	Plant	25.0	2525.0	1.7063511464872785	--
0	TRANS-OCIMENE	Plant	15.0	1150.0	2.912514752459382	--
31	CARYOPHYLLENE	Plant	8.0	100.0	-0.4439011295451728	--
3	CIS-OCIMENE	Plant	3.0	35.0	-0.3890665139611692	--
0	(Z)-BETA-OCIMENE	Plant	3.0	120.0	1.4074844462950056	--
2	3-OCTANOL	Plant	3.0	35.0	-0.580438429077849	--
13	BETA-PINENE	Plant	2.0	25.0	-0.4084932537932118	--
60	LIMONENE	Plant	2.0	25.0	-0.47043922202338057	--
9	CAMPHENE	Plant	1.0	35.0	-0.5459540576133597	--
0	BETA-SABININE	Plant	1.0	125.0		--
24	BENZALDEHYDE	Plant	1.0	135.0	0.05009904351318192	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	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.
28	ALPHA-PINENE	Plant	1.0	35.0	-0.4567063639993349	--
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.
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.

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	DIOSMETIN-7-O-BETA-D-GLUCOSIDE	Leaf				Jim Duke's personal files.
0	TILIANIN	Leaf				Jim Duke's personal files.
0	DIOSMETIN-7-O-BETA-D-GLUCOSIDE	Inflorescence				Jim Duke's personal files.
7	ANISALDEHYDE	Plant		1.0		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	TILIANIN	Inflorescence				Jim Duke's personal files.
0	PARA-METHOXY CINNAMALDEHYDE	Plant				Jim Duke's personal files.
19	D-LIMONENE	Plant				Jim Duke's personal files.
16	ACACETIN	Leaf				Jim Duke's personal files.
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.
3	CYNAROSIDE	Leaf				Jim Duke's personal files.
16	ACACETIN	Inflorescence				Jim Duke's personal files.
3	CYNAROSIDE	Inflorescence				Jim Duke's personal files.
0	4-CADENEN-OL	Plant		5.0		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	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.
4	COSMOSIIN	Leaf				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	3-OCTANONE	Plant		30.0	-0.4038877488888792	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.
4	COSMOSIIN	Inflorescence				Jim Duke's personal files.