

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Saussurea lappa

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	(E)-9-ISOPROPYL-6-METHYLDECA-5,9-DIEN-2-ONE	Plant				--
0	(Z,Z,Z)-1,8,11,14-HEPTADECATETRAENE	Root				--
0	12-METHOXY-DIHYDROCOSTUNOLIDE	Root				--
0	22-DIHYDROSTIGMASTEROL	Root				--
0	3-ISOPROPYLPENTANOIC-ACID	Root Essent. Oil				--
0	3-METHYL-BUTYRIC-ACID	Root Essent. Oil				--
0	4-ETHYLOCTANOIC-ACID	Root Essent. Oil				--
0	7-OCTENOIC-ACID	Root Essent. Oil				--
16	ACETIC-ACID	Root Essent. Oil				--
0	ALKALOIDS	Root		500.0	-0.8970348253004553	--
0	ALPHA-AMORPHENIC-ACID	Root Essent. Oil				--
0	ALPHA-AMYRIN-STEARATE	Plant				--
0	ALPHA-COSTENE	Root Essent. Oil	180.0	4200.0		--
2	ALPHA-HUMULENE	Root Essent. Oil				--
5	ALPHA-IONONE	Root				--
11	ALPHA-PHELLANDRENE	Root Essent. Oil				--
0	APLOTAXENE	Root	600.0	14000.0		--
0	BETA-AMYRIN-STEARATE	Plant				--
0	BETA-COSTENE	Root Essent. Oil	180.0	4200.0		--
5	BETA-ELEMENE	Root				--
13	BETA-IONONE	Root				--
0	BETA-SELININE	Root				--
47	BETA-SITOSTEROL	Root				--
13	BETULIN	Root				--
13	BETULIN	Root Essent. Oil				Jim Duke's personal files.
9	CAMPHENE	Root Essent. Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
31	CARYOPHYLLENE	Root Essent. Oil				--
8	CARYOPHYLLENE-OXIDE	Root Essent. Oil				--
1	CEDRENE	Root Essent. Oil				--
3	CEDROL	Root Essent. Oil				--
0	CIS-DIHYDROIONONE	Root				--
2	COSTIC-ACID	Root				--
0	COSTOL	Root	210.0	4900.0		--
9	COSTUNOLIDE	Root				--
0	COSTUS-ACID	Root	420.0	9800.0		--
0	COSTUS-LACTONE	Root	330.0	7700.0		--
4	DEHYDROCOSTUS-LACTONE	Root				--
0	DIHYDRO-DEHYDROCOSTUS-LACTONE	Root				--
0	DIHYDROAPLOTAXENE	Root Essent. Oil				--
0	DIHYDROCOSTUNOLIDE	Root				--
0	DIHYDROCOSTUS-LACTONE	Root	450.0	10500.0		--
0	DIHYDROCOSTUS-LACTONE	Plant				--
0	EO	Root	15000.0	70000.0	2.642390909405334	--
0	FAT	Root		180000.0	5.23973611401461	--
2	FRIEDELIN	Root Essent. Oil				--
0	GUAIA-3,9,11-TRIENE-12-ACID	Root Essent. Oil				--
0	HEPTANOIC-ACID	Root Essent. Oil				--
2	HEXANOIC-ACID	Root Essent. Oil				--
19	INULIN	Root		180000.0	-0.4896223410389495	--
0	ISOZALUZANIN	Plant				--
0	KUSHTIN	Plant				--
0	LACTONES	Root	7500.0	8250.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	LINALOL	Root Essent. Oil				--
21	LUPEOL	Plant				--
22	MYRCENE	Root Essent. Oil				--
0	NAPHTHALINE	Root Essent. Oil				--
5	OCTANOIC-ACID	Root Essent. Oil				--
18	OLEIC-ACID	Root Essent. Oil				--
16	P-CYMENE	Root Essent. Oil				--
13	PALMITIC-ACID	Root				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
0	PENTADEC-1-ENE	Root Essent. Oil				--
4	PELLANDRENE	Root	10.0	280.0		--
0	RESINOIDS	Root		60000.0		--
1	SAUSSURINE	Root				--
1	SAUSSURINE	Leaf		250.0		--
12	STIGMASTEROL	Root				--
35	TANNIN	Root				--
2	TARAXASTEROL	Leaf		250.0		--