

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Abies alba*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
11	MALTOL	Plant				--
3	ABIETIC-ACID	Resin, Exudate, Sap				--
2	L-LIMONENE	Leaf				--
60	LIMONENE	Resin, Exudate, Sap				--
8	DELTA-3-CARENE	Resin, Exudate, Sap				--
13	BETA-PINENE	Resin, Exudate, Sap				--
7	SUCCINIC-ACID	Resin, Exudate, Sap				--
34	SALICYLIC-ACID	Plant				--
28	ALPHA-PINENE	Resin, Exudate, Sap				--
8	DELTA-3-CARENE	Leaf	2.0	4.0	-0.4250752105699259	--
11	ALPHA-PHELLANDRENE	Leaf	5.0	7.0	-0.30935714579220713	--
5	SABINENE	Leaf	5.0	7.0	-0.2567488872230184	--
11	GAMMA-TERPINENE	Leaf	8.0	10.0	-0.3526419772681357	--
16	P-CYMENE	Leaf	25.0	35.0	-0.37103559986814266	--
22	MYRCENE	Leaf	25.0	35.0	-0.1600457060081973	--
9	TERPINOLENE	Leaf	28.0	38.0	-0.1836873778914288	--
3	BETA-PHELLANDRENE	Plant	32.0	46.0	-0.387752999228035	--
13	BETA-PINENE	Leaf	218.0	304.0	0.019267779959206085	--
9	CAMPHENE	Leaf	528.0	738.0	0.08626138487834419	--
28	ALPHA-PINENE	Plant	590.0	826.0	0.103074737609829	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
60	LIMONENE	Leaf	855.0	1197.0	0.8114606080481381	--