

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Thuja occidentalis***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	(+)-CATECHIN	Branches	--	--		
3	(-)-BORNEOL	Branches	--	--		
0	10-NONACOSANOL	Branches	--	--		
16	ACETIC-ACID	Branches	--	--		
0	ALPHA-EUDESMOL	Wood	--	--		
1	ALPHA-THUJAPLICIN	Wood	--	--		
112	ASCORBIC-ACID	Branches	--	--		
13	BETA-EUDESMOL	Wood	--	--		
47	BETA-SITOSTEROL	Branches	--	--		
0	BETA-THUJAPLICIN	Wood	--	--		
35	BORNEOL	Branches	--	--		
12	BORNYL-ACETATE	Branches	--	--		
9	CAMPHENE	Branches	--	--		
41	CAMPHOR	Branches	--	--		
0	D-ALPHA-PINENE	Branches	--	--		
0	D-ALPHA-THUJONE	Branches	--	--		
0	D-CHIRO-INOSITOL	Branches	--	--		
0	EO	Branches	6000	10000	-0.15743991762596632	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FAT	Seed	150000	150000	-0.6077877171137942	
13	FORMIC-ACID	Branches	--	--		
0	GAMMA-EUDESOL	Wood	--	--		
8	INOSITOL	Branches	--	--		
0	ISOTHUJONE	Branches	--	--		
5	ISOVALERIC-ACID	Branches	--	--		
0	JUNIPERIC-ACID	Branches	--	--		
2	KAEMPFEROL-3-RHAMNOSIDE	Branches	--	--		
0	L-ALPHA-FENCHENE	Branches	--	--		
0	L-ALPHA-THUJENE	Branches	--	--		
0	L-FENCHONE	Branches	--	--		
0	L-LEUKANTHELMITOL	Branches	--	--		
60	LIMONENE	Branches	--	--		
3	MUCILAGE	Branches	--	--		
0	MYO-INOSITOL	Branches	--	--		
0	MYRICETIN-3-GLYCOSIDE	Branches	--	--		
5	MYRICETIN-3-RHAMNOSIDE	Branches	--	--		
0	OCCIDENTALOL	Wood	--	--		
0	OCCIDION	Wood	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	OCCIDOL	Branches	--	--		
18	OLEIC-ACID	Branches	--	--		
0	PENTAHYDROXYFLAVONE-3'-BETA-GLYCOSIDE	Plant	--	--		
5	PINITOL	Branches	--	--		
0	PINOICRIN	Branches	--	--		
0	PINOTANNIC-ACID	Branches	--	--		
44	QUERCITRIN	Branches	--	--		
0	QUINOVIGEC-ACID	Plant	--	--		
0	RESIN	Branches	--	--		
0	RESINIC-ACID	Branches	--	--		
1	RHODOXANTHIN	Leaf	--	--		
5	SABINENE	Branches	--	--		
0	SABINIC-ACID	Branches	--	--		
0	SEQUOYITOL	Branches	--	--		
35	TANNIN	Branches	59000	59000		
18	TERPINEOL	Branches	--	--		
0	THAPSIC-ACID	Branches	--	--		
1	VALERIANIC-ACID	Branches	--	--		