

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

**Chemicals Found in *Abies balsamea***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-CARENE	Plant	720	1550		
0	4,4-DIMETHYLCYCLOHEPT-2-EN-1-OL	Plant	--	--		
0	ABIENOL	Plant	--	--		
0	ABIESLACTONE	Plant	--	--		
11	ALPHA-PHELLANDRENE	Plant	--	--		
28	ALPHA-PINENE	Plant	545	5050	3.0923482814746928	
0	ANDROL	Plant	--	--		
3	BETA-PHELLANDRENE	Gum	--	--		
13	BETULIN	Leaf	--	--		Jim Duke's personal files.
13	BETULIN	Twig	--	--		Jim Duke's personal files.
13	BETULIN	Bark	--	--		Jim Duke's personal files.
12	BORNYL-ACETATE	Plant	950	2045	0.838658295632211	
0	BUPLEUROL	Plant	--	--		
9	CAMPHENE	Plant	440	950	1.0192270400228702	
0	DEHYDROJUVABIONE	Plant	--	--		
0	EO	Leaf	6500	14000	0.21681821399630422	
2	JUVABIONE	Plant	--	--		
60	LIMONENE	Plant	720	1550	0.4668059283834233	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	MUCILAGE	Plant	--	--		
0	RESIN	Gum	--	--		