

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

**Chemicals Found in *Coleus barbatu*s**

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	ALPHA-CURCUMENE	Root Essent. Oil	--	13000	1	Jim Duke's personal files.
2	ALPHA-HUMULENE	Leaf Essent. Oil	--	84800	2.123092147042806	Jim Duke's personal files.
2	ALPHA-HUMULENE	Stem Essent. Oil	--	84800		Jim Duke's personal files.
5	ALPHA-IONONE	Root Essent. Oil	--	14000		Jim Duke's personal files.
11	ALPHA-PHELLANDRENE	Leaf Essent. Oil	--	94300	-0.49783406126367846	Jim Duke's personal files.
11	ALPHA-PHELLANDRENE	Stem Essent. Oil	--	94300		Jim Duke's personal files.
28	ALPHA-PINENE	Stem Essent. Oil	--	66800	1	Jim Duke's personal files.
28	ALPHA-PINENE	Root Essent. Oil	--	77000	-0.3740819075912684	Jim Duke's personal files.
28	ALPHA-PINENE	Leaf Essent. Oil	--	66800	-0.3856704219234889	Jim Duke's personal files.
13	ALPHA-TERPINENE	Leaf Essent. Oil	--	4000	-0.40119306019054174	Jim Duke's personal files.
13	ALPHA-TERPINENE	Stem Essent. Oil	--	4000		Jim Duke's personal files.
23	ALPHA-TERPINEOL	Stem Essent. Oil	--	1000		Jim Duke's personal files.
23	ALPHA-TERPINEOL	Leaf Essent. Oil	--	1000	-0.8444420280137835	Jim Duke's personal files.
6	BETA-BISABOLENE	Root Essent. Oil	--	13000	-0.42853564535296584	Jim Duke's personal files.
5	BETA-ELEMENE	Root Essent. Oil	--	14000	-1	Jim Duke's personal files.
13	BETA-IONONE	Root Essent. Oil	--	64000		Jim Duke's personal files.
3	BETA-PHELLANDRENE	Root Essent. Oil	--	10000	1	Jim Duke's personal files.
13	BETA-PINENE	Root Essent. Oil	--	54000	-0.4550569268799015	Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	BETA-PINENE	Leaf Essent. Oil	--	40100	0.9061012939723879	Jim Duke's personal files.
13	BETA-PINENE	Stem Essent. Oil	--	40100	1	Jim Duke's personal files.
35	BORNEOL	Leaf Essent. Oil	--	11900	-0.5226484135533004	Jim Duke's personal files.
35	BORNEOL	Stem Essent. Oil	--	11900		Jim Duke's personal files.
102	CAFFEIC-ACID	Root	--	42.9	-0.8784223898990208	Jim Duke's personal files.
9	CAMPHENE	Root Essent. Oil	--	64000	-1	Jim Duke's personal files.
9	CAMPHENE	Leaf Essent. Oil	--	11200	-0.47873189704519575	Jim Duke's personal files.
9	CAMPHENE	Stem Essent. Oil	--	11200		Jim Duke's personal files.
41	CAMPHOR	Leaf Essent. Oil	--	2500	-0.8262065309494772	Jim Duke's personal files.
41	CAMPHOR	Stem Essent. Oil	--	2500		Jim Duke's personal files.
37	CARVACROL	Leaf Essent. Oil	--	2000		Jim Duke's personal files.
37	CARVACROL	Stem Essent. Oil	--	2000		Jim Duke's personal files.
1	COLEONOL	Leaf	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	COPAENE	Leaf Essent. Oil	--	30600		Jim Duke's personal files.
1	COPAENE	Stem Essent. Oil	--	30600		Jim Duke's personal files.
1	CUPARENE	Root Essent. Oil	--	16000		Jim Duke's personal files.
3	DEHYDROABIETANE	Root Essent. Oil	--	--		Jim Duke's personal files.
9	DELTA-CADINENE	Stem Essent. Oil	--	63500		Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
34	FORSKOLIN	Shoot	--	90		Jim Duke's personal files.
34	FORSKOLIN	Tuber	4630	4630		
34	FORSKOLIN	Tissue Culture	--	500		Jim Duke's personal files.
34	FORSKOLIN	Plant	--	500		Jim Duke's personal files.
34	FORSKOLIN	Root	14	4400		Jim Duke's personal files.
11	GAMMA-TERPINENE	Leaf Essent. Oil	--	2100	-0.6971165104943313	Jim Duke's personal files.
11	GAMMA-TERPINENE	Stem Essent. Oil	--	2100		Jim Duke's personal files.
2	HUMULENE	Root Essent. Oil	--	17000	-1	Jim Duke's personal files.
53	LINALOOL	Leaf Essent. Oil	--	3900	-0.6711527378805481	Jim Duke's personal files.
53	LINALOOL	Stem Essent. Oil	--	3900		Jim Duke's personal files.
7	LINALYL-ACETATE	Leaf Essent. Oil	--	8100		Jim Duke's personal files.
7	LINALYL-ACETATE	Stem Essent. Oil	--	8100		Jim Duke's personal files.
22	MYRCENE	Root Essent. Oil	--	4000	-0.6155432093874083	Jim Duke's personal files.
22	MYRCENE	Leaf Essent. Oil	--	3800	-0.352001778467062	Jim Duke's personal files.
22	MYRCENE	Stem Essent. Oil	--	3800	-1	Jim Duke's personal files.
16	P-CYMENE	Root Essent. Oil	--	2000	-1.00023727413413	Jim Duke's personal files.
16	P-CYMENE	Leaf Essent. Oil	--	24600	-0.413105578018268	Jim Duke's personal files.
16	P-CYMENE	Stem Essent. Oil	--	24600	1	Jim Duke's personal files.
7	PIPERITONE	Leaf Essent. Oil	--	1000		Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
23	TERPINEN-4-OL	Leaf Essent. Oil	--	2900	-0.5245650685397517	Jim Duke's personal files.
23	TERPINEN-4-OL	Stem Essent. Oil	--	2900		Jim Duke's personal files.