

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

**Chemicals Found in *Collinsonia canadensis***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	16-ALPHA-HYDROXYHEDERAGENIN	Root	--	--		
0	6	Plant	--	--		
2	AKEBOSIDE	Root	--	--		
0	ALPHA-NAGITANINE	Plant	8	8		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
28	ALPHA-PINENE	Plant	--	--		
5	BETA-ELEMENE	Plant	16	16	-0.41647408954357296	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	BETA-PINENE	Plant	--	--		
31	CARYOPHYLLENE	Tuber	--	--		
31	CARYOPHYLLENE	Plant	2	6	-0.5684491667879048	
0	COLLINSOGENIN	Root	--	--		
2	COLLINSONIDIN	Root	--	--		
2	COLLINSONIN	Root	--	--		
9	DELTA-CADINENE	Plant	13	13	-0.47305321678217616	
16	ELEMICIN	Plant	18	18		
0	EO	Plant	500	500	-0.7021294757792322	
2	GERMACRENE-D	Plant	230	230	-0.22773055485165272	
0	HEDERAGENIN-3-O-ALPHA-ARABINOPYRANOSIDE	Root	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
60	LIMONENE	Plant	--	--		
3	MUCILAGE	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
57	ROSMARINIC-ACID	Plant	--	--		
35	TANNIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.