

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Murraya koenigii*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	2,3-DIHYDROBENZOFURAN	Leaf	--	2		
2	2-NONANONE	Leaf	--	0.1	-0.9999999999999999	
2	ALPHA-HUMULENE	Leaf	--	14	-0.444295299514232	
11	ALPHA-PHELLANDRENE	Leaf	23	6240	4.110948296184419	
28	ALPHA-PINENE	Leaf	--	9880	0.41691000636146197	
3	ALPHA-SELINENE	Leaf	--	25	-0.2926518261309644	
13	ALPHA-TERPINENE	Leaf	--	65	-0.2787745705152762	
23	ALPHA-TERPINEOL	Leaf	--	37	-0.5252992533925488	
3	AROMADENDRENE	Leaf	--	2	-0.618805663671702	
112	ASCORBIC-ACID	Leaf	40	445	-0.4026297674379776	
2	ASPARAGINE	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
24	BENZALDEHYDE	Leaf	--	0.1	-0.4690464374285412	
26	BERGAPTEN	Seed	--	12	-0.8818833479288075	
6	BETA-BISABOLENE	Leaf	--	--	-0.4289453118130919	
53	BETA-CAROTENE	Leaf	60	225	-0.15807618341196314	
5	BETA-ELEMENE	Leaf	5	155	0.3941412911960524	
3	BETA-PHELLANDRENE	Leaf	140	560	0.8732136284479584	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	BETA-PINENE	Leaf	--	85	-0.3037553772094136	
3	BETA-SELINENE	Leaf	--	0.1	-0.523647805084174	
12	BORNYL-ACETATE	Leaf	--	0.1	-0.4100994792324055	
4	CADINENE	Leaf	--	4730	1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
28	CALCIUM	Leaf	8100	30035	0.7924516881433465	
9	CAMPHENE	Leaf	--	5	-0.19080294405308876	
37	CARVACROL	Leaf	--	0.1	-0.5962346722715234	
31	CARYOPHYLLENE	Leaf	--	6840	3.1471993644672898	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
9	DELTA-CADINENE	Leaf	--	14	-0.4031370360022197	
7	DIPENTENE	Leaf	--	1770		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	FIBER	Leaf	64000	190000	0.352003352366896	
22	GABA	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
11	GAMMA-TERPINENE	Leaf	--	115	-0.15018994823601897	
3	HEXANOL	Leaf	--	0.1	-0.6009262258474473	
6	IRON	Leaf	30	115	-0.6290833254574307	
8	ISOIMPERATORIN	Seed	--	21	-1	
15	ISOPIMPINELLIN	Seed	--	7	1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	ISOSAFROLE	Leaf	--	1145	1	
7	LAURIC-ACID	Leaf	--	700	1.1951153614758205	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
60	LIMONENE	Leaf	--	115	-0.32680414001148905	
53	LINALOOL	Leaf	--	14	-0.6377490212124352	
1	MAHANIMBINE	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	MAHANINE	Leaf	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
1	MAHANINE	Plant	--	--		
21	METHYL-SALICYLATE	Leaf	--	0.1	-0.7215595738818176	
22	MYRCENE	Leaf	--	53	-0.15355035997883854	
11	NEROLIDOL	Leaf	--	2	-0.7169278666603546	
5	NERYL-ACETATE	Leaf	--	0.1	-1.6643472224031552	
39	NIACIN	Leaf	23	85	-0.15205422255204007	
5	ORNITHINE	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
9	OXALIC-ACID	Leaf	--	1320	-0.43744803439189367	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp

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6	OXYPEUCEDANIN	Seed	--	3	-1	
16	P-CYMENE	Leaf	--	23	-0.3810051616116405	
13	PALMITIC-ACID	Leaf	--	885	-0.3738330872895457	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
4	PHOSPHORUS	Leaf	6000	17800	2.36028529742043	
14	POTASSIUM	Twig	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
14	POTASSIUM	Leaf	--	8000	-0.9866644832416266	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	RIBOFLAVIN	Leaf	--	8	-0.14036163828851098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	SABINENE	Leaf	--	11700	7.193324434727864	
3	SCOPOLIN	Leaf	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
23	TERPINEN-4-OL	Leaf	--	140	-0.26038381343088834	
9	TERPINOLENE	Leaf	--	25	-0.20024773699623308	
31	THIAMIN	Leaf	--	3	-1.1055108200879633	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses