Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Chamaemelum nobile

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(-)-BUTANE-1,3-DIYL-1-((Z)-2'-METHYL-2'-BUTENOATE)-3-ISOB...	Plant	--	--		
1	1,10-EPOXYNOBILIN	Plant	--	--		
67	1,8-CINEOLE	Plant	--	--		
0	2,3-DIHYDROXYCINNAMIC-ACID	Plant	--	--		
0	2-METHYL-2-PROPYL-ANGELATE	Plant	--	--		
0	2-METHYL-BUTYL-2-METHYL-BUTYRATE	Plant	--	--		
0	2-METHYL-PROPANE-1,3-DIYL-1-(Z)-2'-METHYL-2'BUTEONATE...	Plant	--	--		
0	2-METHYLBUTYL-2-METHYLPROPIONATE	Plant	--	--		
0	2-METHYLBUTYL-BUTYRATE	Plant	--	--		
0	2-METHYLIDENEPROPANE-1,3-DIYL-1-(Z)-2'-METHYL-2'BUTENOATE...	Plant	--	--		
0	2-METHYLPROPYL-2-METHYL-BUTYRATE	Plant	--	--		
0	2-METHYLPROPYL-3-METHYL-BUTYRATE	Plant	--	--		
0	2-METHYLPROPYL-BUTYRATE	Plant	--	--		
0	3,4-DIHYDROXYCINNAMIC-ACID	Plant	--	--		
1	3-DEHYDRONOBILIN	Plant	--	--		
0	3-EPINOBILIN	Plant	--	--		
0	3-HYDROXY-2-METHYLIDENE-BUTYRIC-ACID-ANGELATE	Plant	--	--		
0	3-METHYL-1-BUTANOL	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-METHYLAMYL-ANGELATE	Plant	--	--		
0	3-METHYLBUTYL-ANGELATE	Plant	--	--		
0	3-METHYLIDENE-4-OXPENTYL-ANGELATE	Plant	--	--		
0	3-METHYLPENTYL-ANGELATE	Plant	--	--		
0	4-ISOPROPENYL-BENZALDEHYDE	Plant	--	--		
0	4-ISOPROPENYL-TOLUENE	Plant	--	--		
0	5	Plant	--	--		
0	5-(3-FURYL)-2-METHYL-1-PENTEN-3-OL	Plant	--	--		
0	5-(3-FURYL)-2-METHYL-1-PENTEN-3-ONE	Plant	--	--		
0	5-ISOPROPENYL-2'-(2-METHYLPROPYL)-2-CYCLOHEXEN-1-ONE	Plant	--	--		
0	ALPHA-BISABOLENE-OXIDE-A	Plant	--	--		
0	ALPHA-BISABOLOL-OXIDE-A	Plant	--	--		
0	ALPHA-BISABOLOL-OXIDE-B	Plant	--	--		
0	ALPHA-CADINENE	Plant	--	--		
0	ALPHA-COPAENE	Plant	--	--		
0	ALPHA-CUBEBENE	Plant	--	--		
0	ALPHA-METHYLBUTYL-ISOBUTYRATE	Plant	--	--		
0	ALPHA-P-DIMETHYL-STYRENE	Plant	--	--		
28	ALPHA-PINENE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	ALPHA-TERPINENE	Plant	--	--		
0	ALPHA-TRANS-PINOCARVEOL	Plant	--	--		
0	ALPHA-TRANS-PINOCARVONE	Plant	--	--		
5	ALUMINUM	Flower	27	27	-1.24997149983649	
1	ANTHEMIC-ACID	Plant	--	--		
0	ANTHEMOL	Plant	--	--		
101	APIGENIN	Plant	--	--		
0	APIGENIN-7-APIOSYLGLUCOSIDE	Plant	--	--		
0	APIGENIN-7-GLUCOSIDE-(2',3')-DIACETATE	Plant	--	--		
0	APIGETRIN	Plant	--	--		
4	APIIN	Plant	--	--		
112	ASCORBIC-ACID	Flower	267	267	-0.7525928024069561	
0	ASH	Flower	62000	62000	-0.1492107703933926	
10	AZULENE	Plant	--	--		
6	BETA-BISABOLENE	Plant	--	--		
0	BETA-BOURBONENE	Plant	--	--		
53	BETA-CAROTENE	Flower	2.2	2.2	-0.588533141523943	
0	BETA-CARYOPHYLLENE	Plant	--	--		
0	BETA-COPAENE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BETA-CUBEBENE	Plant	--	--		
3	BETA-DAMASCENONE	Plant	--	--		
2	BETA-MYRCENE	Plant	--	--		
13	BETA-PINENE	Plant	--	--		
3	BETA-SELINENE	Plant	--	--		
0	BISABOLENE	Plant	--	--		
35	BORNEOL	Plant	--	--		
0	BUTANE-1,3-DIYL-1-((Z)-2'-METHYL-2'-BUTENOATE)-3-ISOB...	Plant	--	--		
0	BUTYL-ANGELATE	Plant	--	--		
102	CAFFEIC-ACID	Plant	--	--		
28	CALCIUM	Flower	6720	6720	0.262669182361168	
9	CAMPHENE	Plant	--	--		
0	CARBOHYDRATES	Flower	785000	785000	0.6717424349363459	
10	CHAMAZULENE	Plant	--	--		
20	CHOLINE	Plant	--	--		
24	CHROMIUM	Flower	6	6	1.4663135101446323	
2	COBALT	Flower	58	58	2.612061847366935	
0	CYCLODODECANE	Plant	--	--		
0	D-3-METHYL-PENTANOL	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DEHYDROMATRICARIA-ESTER	Plant	--	--		
5	EN-YN-DICYCLOETHER	Plant	--	--		
0	EO	Plant	6000	17500	0.5898403796114341	
0	EPICATECHOL	Plant	--	--		
0	EPSILON-1-(2,6-DIMETHYLPHENYL)-2-BUTEN-1-ONE	Plant	--	--		
0	EUCANNABINOLIDE	Plant	--	--		
2	FARNESENE	Plant	--	--		
17	FARNESOL	Plant	--	--		
0	FAT	Flower	39000	39000	-0.29514477215706875	
61	FERULIC-ACID	Plant	--	--		
15	FIBER	Flower	72000	72000	-0.7287341780082754	
2	GERMACRENE-D	Plant	--	--		
12	HERNIARIN	Plant	--	--		
1	HEXYL-ACETATE	Plant	--	--		
1	HEXYL-BUTYRATE	Plant	--	--		
2	HUMULENE	Plant	--	--		
0	HYDROXYISONOBILIN	Plant	--	--		
8	INOSITOL	Flower	--	--		
6	IRON	Flower	170	170	0.01399335559030001	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOAMYL-2-METHYL-BUTYRATE	Plant	--	--		
0	ISOAMYL-ANGELATE	Plant	--	--		
0	ISOAMYL-BUTYRATE	Plant	--	--		
0	ISOAMYL-PROPIONATE	Plant	--	--		
0	ISOBUTANOL	Plant	--	--		
0	ISOBUTYL-2-METHYL-BUTYRATE	Plant	--	--		
0	ISOBUTYL-ANGELATE	Plant	--	--		
0	ISOBUTYL-BUTYRATE	Plant	--	--		
0	ISOBUTYL-ISOBUTYRATE	Plant	--	--		
0	ISOBUTYL-ISOVALERIANATE	Plant	--	--		
0	KILOCALORIES	Flower	2999	2999	-1.050725246373411	
60	LIMONENE	Plant	--	--		
78	LUTEOLIN	Plant	--	--		
7	LUTEOLIN-7-GLUCOSIDE	Plant	--	--		
65	MAGNESIUM	Flower	2920	2920	0.0778929234285551	
14	MANGANESE	Flower	52	52	-0.20887325844670268	
0	METHACRYLIC-ACID	Plant	--	--		
0	METHACRYLIC-ACID-ESTER	Plant	--	--		
22	MYRCENE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	MYRTENAL	Plant	--	--		
2	MYRTENOL	Plant	--	--		
0	N-BUTANOL	Plant	--	--		
11	NEROLIDOL	Plant	--	--		
39	NIACIN	Flower	--	--		
1	NOBILIN	Plant	--	--		
16	P-CYMENE	Plant	--	--		
4	PHOSPHORUS	Flower	3220	3220	-0.2058307284109949	
12	PINENE	Plant	--	--		
4	PINOCAMPHONE	Plant	--	--		
0	POLYACETYLENE	Plant	--	--		
14	POTASSIUM	Flower	13200	13200	-0.6226881789888628	
0	PROPYL-ANGELATE	Plant	--	--		
0	PROTEIN	Flower	115000	115000	-0.322653241355452	
0	QUECIMERITRIN	Plant	--	--		
0	QUERCETRIN	Plant	--	--		
15	RIBOFLAVIN	Flower	4.3	4.3	-0.44813818935694794	
87	RUTIN	Plant	--	--		
5	SABINENE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
44	SCOPOLETIN	Plant	--	--		
0	SCOPOLETIN-7-GLUCOSIDE	Plant	--	--		
2	SCOPOLETOL	Plant	--	--		
60	SELENIUM	Flower	--	--		
4	SILICON	Flower	31	31	0.03983585243552122	
1	SODIUM	Flower	2580	2580	0.8971862425947467	
35	TANNIN	Plant	--	--		
2	TARAXASTEROL	Plant	--	--		
31	THIAMIN	Flower	0.8	0.8	-1.319683564963165	
1	TIGLIC-ACID	Plant	--	--		
0	TIGLIC-ACID-ESTER	Plant	--	--		
4	TIN	Flower	10	10	-0.8082238591204874	
0	TRIACONTANE	Plant	--	--		
22	UMBELLIFERONE	Plant	--	--		
0	WATER	Flower	812000	812000	-0.0007616505868808395	
77	ZINC	Flower	--	--		