

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Ammi majus

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-HYDROXYMARMESIN	Plant	--	--		
10	5-METHOXY-PSORALEN	Plant	--	--		
0	5-[2-(3-METHYLBUTYROXY)-3-HYDROXY-3-METHYLBUTOXY]-PS.	Plant	1000	1000		
1	5-[2-(ACETOXY)-3-HYDROXY-3-METHYLBUTOXY]-PSORALEN	Seed	1000	1000		
21	8-METHOXY-PSORALEN	Plant	--	--		
0	8-[2-(3-METHYLBUTYROXY)-3-HYDROXY-3-METHYLBUTOXY]-PS.	Plant	100	100		
4	ALLOIMPERATORIN	Seed	1	1		
0	AMMAJIN	Seed	--	--		
0	AMMIDIN	Plant	--	--		
0	AMMIFURIN	Seed	--	--		
0	AMMIRIN	Seed	--	--		
1	AMMOIDIN	Plant	--	--		
0	ANGALCIN	Plant	--	--		
17	ANGELICIN	Plant	--	--		
0	ANGENOMALIN	Plant	--	--		
26	BERGAPTEN	Seed	400	3100	0.22232578675103337	
4	CALCIUM-OXALATE	Seed	--	--		
0	CAMESOL	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CAMPESELOL	Plant	--	--		
0	CAMPESENIN	Plant	--	--		
0	CAMPESIN	Plant	--	--		
1	CELLULOSE	Seed	224000	224000	1.1650981847855737	
0	COUMARINIC-ACID	Plant	--	--		
0	DELTOIN	Plant	--	--		
0	DIHYDROOROSELSELONE	Plant	--	--		
0	DL-PIPERITONE	Seed	1000	1000		
0	EO(ASS.)	Seed	10000	10000		
0	FAT	Seed	129400	129400	-0.71629528571714	
0	FURANOCHROMONE	Plant	--	--		
0	FURANOCOUMARIN	Plant	--	--		
9	FUROCOUMARIN	Plant	--	--		
0	GLYCOSIDES	Seed	10000	10000	-1.1706691766863613	
2	HERACLENIN	Seed	700	700		
25	IMPERATORIN	Seed	100	8000	1.111306994003492	
8	ISOIMPERATORIN	Seed	--	--		
15	ISOPIMPINELLIN	Seed	--	--		
3	ISOQUERCETIN	Seed	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	ISORHAMNETIN	Plant	--	--		
1	ISORHAMNETIN-3-GLUCOSIDE	Leaf	--	--		
0	ISORHAMNETIN-3-GLUCURONIDE	Leaf	--	--		
2	ISORHAMNETIN-3-RUTINOSIDE	Leaf	--	--		
0	KAEMPFEROL-7-O-GLUCOSIDE	Seed	--	--		
15	KHELLIN	Plant	--	--		
78	LUTEOLIN	Plant	--	--		
7	LUTEOLIN-7-GLUCOSIDE	Plant	--	--		
0	LUTEOLIN-GLYCOSIDES	Leaf	--	--		
0	MAJUDIN	Plant	--	--		
0	MAJURIN	Seed	--	--		
0	MARMESIN	Seed	400	3300		
0	MARMESININ	Seed	100	1450		
2	METHOXSALEN	Plant	--	--		
3	MUCILAGE	Seed	--	--		
0	O-ALKLY-FUROCOUMARIN	Plant	--	--		
18	OLEIC-ACID	Plant	--	--		
0	OLEORESIN	Seed	46700	46700	1	
6	OXYPEUCEDANIN	Seed	3000	3000	1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	OXYPEUCEDANIN-HYDRATE	Seed	400	400	1.0000000000000002	
1	PABULENOL	Seed	100	100		
13	PALMITIC-ACID	Plant	--	--		
7	PIMPINELLIN	Plant	--	--		
0	PROTEIN	Seed	138000	138000	-0.8521556313067219	
0	PSORALENS	Leaf	8800	8800		
0	PSORALENS	Seed	15000	20000		
176	QUERCETIN	Leaf	--	--		
0	QUERCETIN-3-O-RUTINOSIDE	Plant	--	--		
2	QUERCETIN-7-O-GLUCOSIDE	Seed	--	--		
0	SAXALIN	Seed	100	100		
0	SPHNODIN	Plant	--	--		
35	TANNIN	Seed	4500	4500	-0.9367271518852576	
22	UMBELLIFERONE	Plant	--	--		
0	UMBELLIPRENIN	Seed	--	--		
0	VISNIGIN	Plant	--	--		
43	XANTHOTOXIN	Seed	2300	20000	1	
5	XANTHOTOXOL	Plant	--	--		
0	ZOZYMIN	Plant	--	--		