

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Gastrodia elata*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	4-(4'-HYDROXYBENZYLOXY)-BENZYL-METHYL-ETHER	Tuber	27	27		
0	4-BETA-D-GLUCOPYRANOSYLOXYBENZYL-ALCOHOL	Tuber	1460	1460		
3	4-HYDROXYBENZALDEHYDE	Tuber	270	270		
0	4-HYDROXYBENZYL-ALCOHOL	Tuber	210	210		
0	4-HYDROXYBENZYL-METHYL-ETHER	Tuber	54	54		
2	ARSENIC	Rhizome	0.07	0.07	-0.44553279672250495	
0	BIS-(4-HYDROXYBANZYL)-ETHER	Tuber	39	39		
28	CALCIUM	Rhizome	2140	2140	-1.0418807603582114	
12	COPPER	Rhizome	4	4	-1.4642120454178038	
0	GASTRODIOSIDE	Tuber	26	26		
6	IRON	Rhizome	40	40	-0.9629804658088547	
65	MAGNESIUM	Rhizome	590	590	-1.0855074486626335	
14	MANGANESE	Rhizome	26	26	-0.6643257577793106	
1	MERCURY	Rhizome	0.01	0.01	-0.9636241116594312	
3	MUCILAGE	Rhizome	--	--		
0	PARISHIN	Tuber	410	410		
14	POTASSIUM	Rhizome	12900	12900	-0.006887898828730175	
1	SODIUM	Rhizome	228	228	-0.3665441087049288	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	VANILLIN	Rhizome	--	--		
3	VANILLYL-ALCOHOL	Tuber	--	--		
77	ZINC	Rhizome	12	12	-0.4263503233534755	