

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Lycoris radiata*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2-(4-HYDROXY-BENZYL)-MALIC-ACID	Flower	--	--		
0	CHRYSANTHEMIN	Flower	400	400		
0	CYANIDIN-3-GLUCOSIDE	Flower	--	--		
0	CYANIDIN-3-SAMBUBIOSIDE	Flower	--	--		
0	DEMETHYLHOMOLYCORINE	Bulb	--	--		
0	DEMETHYLLYCORAMINE	Bulb	--	--		
0	ETHYLRADIATINE	Bulb	--	--		
0	FRUCTANE	Bulb	110000	120000		
8	FRUCTOSE	Bulb	21400	21400	1	
18	GALANTHAMINE	Bulb	--	--		
7	GLUCOSE	Bulb	6900	6900	-1	
5	HAEMANTHAMINE	Bulb	--	--		
0	HAEMANTHIDINE	Bulb	--	--		
0	HIGANBANAMANNAN	Bulb	39000	39000		
2	HIPPEASTRINE	Bulb	--	--		
0	HOMOLYCORINE	Bulb	--	--		
0	LYCORAMINE	Bulb	--	--		
0	LYCOREMINE	Bulb	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	LYCORENINE	Bulb	--	--		
0	LYCORICYANINCHLORIDE	Flower	--	--		
28	LYCORINE	Bulb	--	--		
0	LYCORISINE	Bulb	200200	200200		
0	NORPLUVIINE	Bulb	--	--		
0	PHLORACETOPHENOTRIMETHYLETHER	Bulb	--	--		
0	PLUVIINE	Bulb	--	--		
5	PRETAZETTINE	Stem	--	--		
1	PSEUDOLYCORINE	Bulb	--	--		
0	RADIATINE	Rhizome	--	--		
0	SEKISANINE	Bulb	--	--		
0	SEKISANOLINE	Bulb	--	--		
0	SQUAMIGERINE	Bulb	--	--		
5	STARCH	Bulb	200000	551000		
14	SUCROSE	Bulb	73200	73200	1	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	SUISENINE	Bulb	--	--		
1	TAZETTINE	Bulb	--	--		
0	VITTATINE	Plant	--	--		