

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Rheum officinale*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	(+)-CATECHIN	Rhizome	--	3628.6	-1.0000000000000002	
30	(+)-CATECHIN	Plant	--	--		
38	(-)-EPICATECHIN	Rhizome	--	3437.5		
24	ALOE-EMODIN	Root	--	--		
24	ALOE-EMODIN	Rhizome	--	--		
24	ALOE-EMODIN	Plant	--	--		
24	ALOE-EMODIN	Bulb	--	--		
6	ANTHRAQUINONES	Rhizome	--	--		
6	ANTHRAQUINONES	Root	50000	50000	1.3513884921632264	
102	CAFFEIC-ACID	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	CALCIUM-OXALATE	Root	60000	60000	2.4399617861191483	
6	CHRY SOPHANIC-ACID	Root	--	--		
6	CHRY SOPHANIC-ACID	Bulb	--	--		
6	CHRY SOPHANIC-ACID	Rhizome	--	--		
10	CHRY SOPHANOL	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
18	CINNAMIC-ACID	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.

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4	D-CATECHIN	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
58	EMODIN	Root	3000	9000	1.2993201981258473	
58	EMODIN	Rhizome	--	--		
58	EMODIN	Plant	--	--		
58	EMODIN	Bulb	--	--		
61	FERULIC-ACID	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
8	FRUCTOSE	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
62	GALLIC-ACID	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
62	GALLIC-ACID	Rhizome	--	25.7		
7	GLUCOSE	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
3	LINDLEYIN	Rhizome	--	1345.7		
18	OLEIC-ACID	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
9	OXALIC-ACID	Rhizome	--	--		
13	PALMITIC-ACID	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
24	PECTIN	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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1	PHENYL-PROPIONIC-ACID	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
5	PHYSCION	Root	--	--		
5	PHYSCION	Bulb	--	--		
5	PHYSCION	Rhizome	--	--		
2	PHYTOSTEROLS	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	PICEATANNOL	Plant	--	--		
1	RHAPONTICIN	Root	--	--		
18	RHEIN	Plant	--	--		
18	RHEIN	Rhizome	--	--		
18	RHEIN	Root	--	27	-1	
87	RUTIN	Root	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
87	RUTIN	Plant	--	13000	-0.48658427928331677	
1	SENNOSIDE-A	Plant	--	--		
5	STARCH	Root	150000	160000	-0.6514767798388345	