

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Houttuynia cordata*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Essential Oil	--	--		
67	1,8-CINEOLE	Plant	--	--		
1	1-DECANOL	Plant	--	--		
6	ACETALDEHYDE	Plant	--	--		
1	AFZELIN	Leaf	--	--		
1	AFZELIN	Root	--	--		
1	AFZELIN	Shoot	--	80000	0.9999999999999998	Fuse, J., Kanomori, H., Sakamoto, I., Yahara, S. 1994. Studies on Flavonol Glycosides in <i>Houttuynia cordata</i> . <i>Nat. Med.</i> , 48(4): 307-311.
28	ALPHA-PINENE	Plant	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	ALPHA-PINENE	Shoot Essent. Oil	--	--		
28	ALPHA-PINENE	Essential Oil	--	--		
2	BETA-MYRCENE	Plant	--	--		
13	BETA-PINENE	Plant	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	BETA-PINENE	Shoot Essent. Oil	--	--		
47	BETA-SITOSTEROL	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Root	--	--		
35	BORNEOL	Shoot Essent. Oil	--	--		
28	CALCIUM	Plant	770	770	-1.371247093405721	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
9	CAMPHENE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	CAMPHENE	Essential Oil	--	--		
9	CAMPHENE	Shoot Essent. Oil	--	--		
3	CAPRIC-ACID	Plant	--	--		
37	CARVACROL	Plant	--	--		
31	CARYOPHYLLENE	Essential Oil	--	--		
8	CARYOPHYLLENE-OXIDE	Shoot	--	--		
77	CHLOROGENIC-ACID	Root	--	--		
12	COPPER	Plant	26	26	1.3270501018208019	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
1	DECAN-1-AL	Shoot Essent. Oil	--	--		
1	DECAN-1-AL	Essential Oil	--	--		
3	DECANOIC-ACID	Essential Oil	--	--		
3	DECANOIC-ACID	Shoot Essent. Oil	--	--		
2	DECANOYL-ACETALDEHYDE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	DECANOYL-ACETALDEHYDE	Essential Oil	--	--		
2	DODECANAL	Plant	--	--		
3	FLUORIDE	Shoot	--	11	1	
35	GERANIOL	Shoot Essent. Oil	--	--		
35	GERANIOL	Essential Oil	--	--		
2	HUMULENE	Shoot Essent. Oil	--	--		
14	HYPERIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
30	HYPEROSIDE	Root	--	--		
30	HYPEROSIDE	Shoot	--	2900	-1	
30	HYPEROSIDE	Leaf	--	--		
6	IRON	Plant	500	500	-0.14948506775500356	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
22	ISOQUERCITRIN	Shoot	--	700	1.4186506558132177	
22	ISOQUERCITRIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
22	ISOQUERCITRIN	Leaf	--	--		
7	LAURIC-ACID	Essential Oil	--	--		
7	LAURIC-ACID	Shoot Essent. Oil	--	--		
60	LIMONENE	Shoot Essent. Oil	--	--		
53	LINALOOL	Shoot Essent. Oil	--	--		
53	LINALOOL	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
27	LINOLEIC-ACID	Shoot	--	--		
27	LINOLEIC-ACID	Root	--	--		
65	MAGNESIUM	Plant	3430	3430	-0.19752703380391362	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
14	MANGANESE	Plant	120	120	0.16515740079149396	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
3	METHYL-NONYL-KETONE	Plant	--	--		
3	METHYL-NONYL-KETONE	Essential Oil	--	--		
22	MYRCENE	Essential Oil	--	--		
22	MYRCENE	Shoot Essent. Oil	--	--		
22	MYRCENE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
18	OLEIC-ACID	Shoot	--	--		
18	OLEIC-ACID	Root	--	--		
16	P-CYMENE	Shoot Essent. Oil	--	--		
16	P-CYMENE	Essential Oil	--	--		
13	PALMITIC-ACID	Shoot	--	--		
13	PALMITIC-ACID	Shoot Essent. Oil	--	--		
13	PALMITIC-ACID	Root	--	--		
13	PALMITIC-ACID	Essential Oil	--	--		
1	PHYTOL	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	POTASSIUM	Plant	54300	54300	2.266714742355072	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
176	QUERCETIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
44	QUERCITRIN	Leaf	--	--		
44	QUERCITRIN	Plant	--	--		
44	QUERCITRIN	Shoot	--	8600	1	
2	REYNOUSTRIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
87	RUTIN	Leaf	--	--		
87	RUTIN	Root	--	--		
87	RUTIN	Shoot	--	1200	-0.48355068105178134	
87	RUTIN	Plant	--	--		
15	SESAMIN	Shoot	--	--		
1	SODIUM	Plant	212	212	-0.2923425265996004	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
8	STEARIC-ACID	Shoot	--	--		
8	STEARIC-ACID	Root	--	--		
71	THYMOL	Essential Oil	--	--		
71	THYMOL	Shoot Essent. Oil	--	--		
71	THYMOL	Plant	--	--		
77	ZINC	Plant	56	56	0.03803390463662481	Suziki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.