

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Houttuynia cordata***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-LIMONENE	Essential Oil	--	--		
0	(+)-SESAMIN	Shoot	--	--		
0	1,3,5-TRIDECANOYLBENZENE	Shoot	--	--		
0	1,4-DIHYDROPYRIDINE	Shoot	--	--		
67	1,8-CINEOLE	Essential Oil	--	--		
67	1,8-CINEOLE	Plant	--	--		
1	1-DECANOL	Plant	--	--		
0	1-DODECANOL	Plant	--	--		
0	1-NONANOL	Plant	--	--		
0	2-NONYL-5-DECANOYLPYRIDINE	Shoot	--	18.6		
0	3,5-DIDECANOYLPYRIDINE	Shoot	--	2.6		
0	3-KETODECANAL	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
6	ACETALDEHYDE	Plant	--	--		
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.
1	AFZELIN	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	AFZERIN	Shoot	--	--		Fuse, J., Kanomori, H., Sakamoto, I., Yahara, S. 1994. Studies on Flavonol Glycosides in Houttuynia cordata. Nat. Med., 48(4): 307-311.
28	ALPHA-PINENE	Shoot Essent. Oil	--	--		
28	ALPHA-PINENE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	ALPHA-PINENE	Essential Oil	--	--		
0	ARISTOLACTAM-A-II	Shoot	--	5.7		
0	BETA-CARYOPHYLLENE	Shoot Essent. Oil	--	--		
2	BETA-MYRCENE	Plant	--	--		
13	BETA-PINENE	Shoot Essent. Oil	--	--		
13	BETA-PINENE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
47	BETA-SITOSTEROL	Shoot	--	--		
47	BETA-SITOSTEROL	Root	--	--		
35	BORNEOL	Shoot Essent. Oil	--	--		
0	BORNEOL-ACETATE	Shoot Essent. Oil	--	--		
0	BORNEOL-ACETATE	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	--	--		
0	CAPRIC-ALDEHYDE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	CAPRYLALDEHYDE	Shoot Essent. Oil	--	--		
0	CAPRYLALDEHYDE	Plant	--	--		
37	CARVACROL	Plant	--	--		
31	CARYOPHYLLENE	Essential Oil	--	--		
8	CARYOPHYLLENE-OXIDE	Shoot	--	--		
0	CEPHARANONE-B	Shoot	--	8.5		
77	CHLOROGENIC-ACID	Root	--	--		
0	CIS-N-(4-HYDROXYSTYRYL)-BENZAMIDE	Plant	--	--		
0	CIS-N-(4-HYDROXYSTYRYL)-BENZAMIDE	Shoot	--	1.8		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	COPPER	Plant	26	26	1.3270501018208019	Suzuki, 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	--	--		
0	DECANAL	Plant	--	--		
3	DECANOIC-ACID	Essential Oil	--	--		
3	DECANOIC-ACID	Shoot Essent. Oil	--	--		
2	DECANOYL-ACETALDEHYDE	Plant	--	--		
2	DECANOYL-ACETALDEHYDE	Essential Oil	--	--		
0	DODECAN-1-AL	Essential Oil	--	--		
0	DODECAN-1-AL	Shoot Essent. Oil	--	--		
2	DODECANAL	Plant	--	--		
0	EO	Shoot	--	--		
0	EO	Plant	--	5000	-0.36013745523464397	
3	FLUORIDE	Shoot	--	11	1	
35	GERANIOL	Essential Oil	--	--		
35	GERANIOL	Shoot Essent. Oil	--	--		
2	HUMULENE	Shoot Essent. Oil	--	--		
14	HYPERIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	HYPEROSIDE	Shoot	--	2900	-1	
30	HYPEROSIDE	Leaf	--	--		
30	HYPEROSIDE	Root	--	--		
6	IRON	Plant	500	500	-0.14948506775500356	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
22	ISOQUERCITRIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
22	ISOQUERCITRIN	Leaf	--	--		
22	ISOQUERCITRIN	Shoot	--	700	1.4186506558132177	
7	LAURIC-ACID	Shoot Essent. Oil	--	--		
7	LAURIC-ACID	Essential Oil	--	--		
0	LAURIC-ALDEHYDE	Plant	--	--		
0	LAURYL-ALDEHYDE	Shoot Essent. Oil	--	--		
60	LIMONENE	Shoot Essent. Oil	--	--		
53	LINALOOL	Shoot Essent. Oil	--	--		
53	LINALOOL	Essential Oil	--	--		
27	LINOLEIC-ACID	Shoot	--	--		
27	LINOLEIC-ACID	Root	--	--		
0	LINOLENIC-ACID	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
0	METHYL-DECANOATE	Essential Oil	--	--		
0	METHYL-DODECANOATE	Essential Oil	--	--		
0	METHYL-HEXADECANOATE	Essential Oil	--	--		
0	METHYL-LAURYL-SULFIDE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	METHYL-N-NONYL-KETONE	Plant	--	--		
0	METHYL-N-NONYL-KETONE	Shoot Essent. Oil	--	--		
0	METHYL-N-UNDECYL-KETONE	Plant	--	--		
3	METHYL-NONYL-KETONE	Plant	--	--		
3	METHYL-NONYL-KETONE	Essential Oil	--	--		
22	MYRCENE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
22	MYRCENE	Essential Oil	--	--		
22	MYRCENE	Shoot Essent. Oil	--	--		
0	N-DECYLALDEHYDE	Essential Oil	--	--		
0	N-DODECYLALDEHYDE	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	NONANAL	Plant	--	--		
0	NOR-CEPHARADIONE-B	Shoot	--	8.5		
0	OCTAN-1-AL	Shoot Essent. Oil	--	--		
18	OLEIC-ACID	Root	--	--		
18	OLEIC-ACID	Shoot	--	--		
16	P-CYMENE	Shoot Essent. Oil	--	--		
16	P-CYMENE	Essential Oil	--	--		
13	PALMITIC-ACID	Shoot Essent. Oil	--	--		
13	PALMITIC-ACID	Root	--	--		
13	PALMITIC-ACID	Essential Oil	--	--		
13	PALMITIC-ACID	Shoot	--	--		
1	PHYTOL	Shoot	--	--		
0	PIPEROLACTAM-A	Shoot	--	4.2		
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.
0	POTASSIUM-CHLORIDE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	POTASSIUM-SULFATE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
176	QUERCETIN	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	QUERCETIN-3-O-BETA-L-RHAMNOSIDE	Shoot	--	--		
44	QUERCITRIN	Plant	--	--		
44	QUERCITRIN	Shoot	--	8600	1	
44	QUERCITRIN	Leaf	--	--		
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	--	--		
0	STIGMAST-4-ENE-3,5-DIONE	Shoot	--	--		
0	TETRADECANOIC-ACID	Shoot Essent. Oil	--	--		
71	THYMOL	Shoot Essent. Oil	--	--		



Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
71	THYMOL	Plant	--	--		
71	THYMOL	Essential Oil	--	--		
0	TRANS-N-(4-HYDROXYSTYRYL)-BENZAMIDE	Plant	--	--		
0	TRANS-N-(4-HYDROXYSTYRYL)-BENZAMIDE	Shoot	--	0.2		
0	UNDECAN-2-ONE	Essential Oil	--	--		
0	UNDECAN-2-ONE	Shoot Essent. Oil	--	--		
0	VOMIFOLIOL	Shoot	--	--		
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.