

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Coccinia grandis*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	29-HYDROXYLUPEOL	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokarounidiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. Phytochemistry, 46(7): 1261-1266.
0	3-BETA-7-STIGMASTENOL	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	3-O-BETA-[ALPHA-L-ARABINOPYRANOSYL-(1,2)-BETA-D-GLUCOPYRANOSYL-(1,3)]-BETA-HYDROXYLUP-20(29)-EN-28-OIC-ACID	Root	--	27		
0	5-METHYLCYTOSINE	Fruit	--	--		
0	7-OXOSTIGMAST-5-EN-3-BETA-OL	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokarounidiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. Phytochemistry, 46(7): 1261-1266.
1	AMYLASE	Juice	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
14	ARGININE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
112	ASCORBIC-ACID	Fruit	280	4058	-0.03217476897788363	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ASH	Fruit	5000	72465	0.40917859427818193	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ASPARAGIC-ACID	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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2	ASPARAGINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	BETA-AMYRIN	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	BETA-AMYRIN-ACETATE	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
53	BETA-CAROTENE	Fruit	15.6	226	0.28605329897654624	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	BETA-PYRAZOL-1-YL-ALANINE	Seed	--	--		Dunnill, P. M., Fowden, L. 1965. The Amino Acids of Seeds of the Cucurbitaceae. Phytochemistry, 4: 933-944.
47	BETA-SITOSTEROL	Leaf	--	--		
47	BETA-SITOSTEROL	Fruit	--	--		
47	BETA-SITOSTEROL	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	BETULIN	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokarounidiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. Phytochemistry, 46(7): 1261-1266.
102	CAFFEIC-ACID	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	CALCIUM	Fruit	400	5600	0.4023799993817195	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

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0	CARBOHYDRATES	Fruit	35000	507245	-1.4739709673252743	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
5	CITRULLINE	Seed	--	--		Dunnill, P. M., Fowden, L. 1965. The Amino Acids of Seeds of the Cucurbitaceae. Phytochemistry, 4: 933-944.
8	CUCURBITACIN-B	Fruit	--	--		
5	DAUCOSTEROL	Fruit	--	--		
0	DELTA-7-STIGMASTENONE-(3)	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ERYTHRODIOL	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokarounidiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. Phytochemistry, 46(7): 1261-1266.
0	FAT	Fruit	1000	14490	-0.5305786353344198	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	FIBER	Fruit	16000	231885	0.8512518898621899	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	GAMMA-GLUTAMYL-BETA-PYRAZOL-1-YL-ALANINE	Seed	--	--		Dunnill, P. M., Fowden, L. 1965. The Amino Acids of Seeds of the Cucurbitaceae. Phytochemistry, 4: 933-944.
8	GLUTAMIC-ACID	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	HISTIDINE	Flower	--	--		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	HYDROXYPROLINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	IRON	Fruit	14	203	0.27775810471035356	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	KAROUNIDIOL	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokarounidiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. Phytochemistry, 46(7): 1261-1266.
21	LUPEOL	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	OMBUIN-3-O-ARABINOFURANOSIDE	Root	123	125		
7	PHENYLALANINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	PHOSPHORUS	Fruit	300	4350	0.34444254431398735	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROTEIN	Fruit	12000	173915	0.8635306572510749	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	SERINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TARAXERONE	Fruit	--	--		
4	THREONINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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8	TYROSINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	VALINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	WATER	Fruit	--	931000	0.6975397137381031	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.