

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Passiflora incarnata*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CARBOHYDRATES	Fruit	210000.0	764000.0	-0.10097003447876784	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
15	FIBER	Fruit	73000.0	265000.0	1.1637409481429548	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	FAT	Fruit	33000.0	120000.0	0.27529825778239564	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	PROTEIN	Fruit	23000.0	84000.0	-0.34181901652377045	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	FLAVONOIDS	Plant	15000.0	25000.0	1.476440967725418	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	PROTEIN	Flower	13200.0	120000.0	-0.26465395694542415	--
0	FAT	Flower	9130.0	83000.0	0.3985901018999854	--
0	ASH	Flower	3190.0	29000.0	-0.9015001762592432	--
14	POTASSIUM	Flower	2200.0	20000.0	0.07485647549902923	--
28	CALCIUM	Flower	506.0	4600.0	-0.3238322438264058	--
4	PHOSPHORUS	Fruit	430.0	1564.0	-0.5017765061473926	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
4	PHOSPHORUS	Flower	407.0	3700.0	-0.0040175766326249985	--
65	MAGNESIUM	Flower	275.0	2500.0	-0.22564857199406282	--
0	ALKALOIDS	Plant	250.0	300.0	-0.43277214740239855	--
28	CALCIUM	Fruit	140.0	509.0	-0.7724210608250726	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	GYNOCARDIN	Leaf	100.0	1000.0		Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
0	ALKALOIDS	Shoot	100.0	900.0	-0.7302140622125931	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
6	IRON	Fruit	16.0	58.0	-0.29741781491919245	--
39	NIACIN	Flower	11.0	95.0	0.004922560177085936	--
112	ASCORBIC-ACID	Flower	11.0	100.0	-0.8040063541862045	--
1	SODIUM	Flower	6.0	50.0	-0.5904389749392975	--
53	BETA-CAROTENE	Flower	5.3	48.0	0.12033780868766998	--
2	COBALT	Flower	1.0	10.0	-0.004258333627921315	--
11	HARMANE	Na	1.0	120.0		--
11	HARMANE	Plant	1.0	120.0		--
6	IRON	Flower	0.8	7.0	-1.0566411364104127	--
24	CHROMIUM	Flower	0.3	2.5	-0.20992947913339052	--
14	MANGANESE	Flower	0.2	2.1	-0.38528752856607995	--
15	RIBOFLAVIN	Flower	0.1	0.5	-1.3399966931295562	--
0	CAMPHEROL	Plant				--
7	PHENYLALANINE	Seed				Jim Duke's personal files.
14	SUCROSE	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
3	VALINE	Stem				Jim Duke's personal files.
4	ISOORIENTIN	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	SAPONARINE	Plant				--
6	BUTYRIC-ACID	Plant				--
7	PHENYLALANINE	Leaf				Jim Duke's personal files.
12	VICENIN-2	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
3	VALINE	Seed				Jim Duke's personal files.
0	SAPONARETIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
4	SILICON	Flower				--
0	FIBER(DIETARY)	Flower		420000.0	1.15627254576618	--
0	SITOSTEROL	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
7	PHENYLALANINE	Fruit				Jim Duke's personal files.
0	PASSICOL	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
3	VALINE	Leaf				Jim Duke's personal files.
0	HOMOORIENTIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
0	SACCHAROSE	Plant				--
60	SELENIUM	Flower				--

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1	SCHAFTOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	FIBER(CRUDE)	Flower		70000.0	-0.11557230587253167	--
1	RAFFINOSE	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	PASSIFLORINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
13	PALMITIC-ACID	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
22	UMBELLIFERONE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
1	HARMOL	Plant				--
87	RUTIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
1	D-GLUCOSE	Plant				--
0	SAPONARIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
11	MALTOL	Shoot		500.0		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

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4	ORIENTIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
18	OLEIC-ACID	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
8	TYROSINE	Stem				--
23	HARMINE	Shoot		70.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
1	RAFFINOSE	Plant				--
0	D-FRUCTOSE	Plant				--
0	ISOVITEXIN-2"-BETA-D-GLUCOSIDE	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
12	STIGMASTEROL	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
1	N-NONACOSANE	Plant				--
6	MYRISTIC-ACID	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
8	TYROSINE	Seed				--
176	QUERCETIN	Leaf				Jim Duke's personal files.
0	ISOSCHAFTOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

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1	N-NONACOSANE	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
11	MALTOL	Plant				--
0	LUCENIN-2	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
8	TYROSINE	Leaf				--
7	HARMALOL	Plant				--
1	HARMOL	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
78	LUTEOLIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
14	SUCROSE	Plant				--
24	HARMALINE	Plant				--
0	ISOORIENTIN-2"-GLUCOSIDE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
101	APIGENIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	HARMALOL	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	PROLINE	Plant				--
24	HARMALINE	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LUTENIN-2	Plant				--
12	STIGMASTEROL	Plant				--
77	ZINC	Flower				--
0	ALPHA-ALANINE	Plant				Jim Duke's personal files.
13	FORMIC-ACID	Plant				--
75	KAEMPFEROL	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
0	SITOSTEROL	Plant				--
0	GUM	Plant		2500.0	-1.377622882223181	--
0	WATER	Flower		890000.0	0.5075484737057864	--
0	ETHYL-MALTOL	Shoot				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
7	PHENYLALANINE	Stem				Jim Duke's personal files.
3	VICENIN	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
18	VITEXIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
4	ISOVITEXIN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
44	SCOPOLETIN	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
5	GLUTAMINE	Fruit				Jim Duke's personal files.
0	THIAMINE	Flower				--