

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Passiflora incarnata*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	HARMANE	Plant	1.0	120.0		--
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				--
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				--
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.
3	VICENIN	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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				--

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	THIAMINE	Flower				--
13	FORMIC-ACID	Plant				--
0	ALPHA-ALANINE	Plant				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.
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	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.
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)
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
4	SILICON	Flower				--
0	CAMPHEROL	Plant				--
7	PHENYLALANINE	Seed				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	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)
0	SAPONARINE	Plant				--
60	SELENIUM	Flower				--
6	BUTYRIC-ACID	Plant				--
7	PHENYLALANINE	Leaf				Jim Duke's personal files.
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.
3	VALINE	Seed				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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.
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.
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.
1	SCHAFTOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	SACCHAROSE	Plant				--
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.
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				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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.
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.
11	MALTOL	Shoot		500.0		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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.
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.
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)
0	D-FRUCTOSE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
1	RAFFINOSE	Plant				--
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				--
8	TYROSINE	Seed				--
11	HARMANE	Na	1.0	120.0		--
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)
0	ISOSCHAFTOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
176	QUERCETIN	Leaf				Jim Duke's personal files.
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				--
8	TYROSINE	Leaf				--
7	HARMALOL	Plant				--
77	ZINC	Flower				--
0	GUM	Plant		2500.0	-1.377622882223181	--
15	RIBOFLAVIN	Flower	0.1	0.5	-1.3399966931295562	--
6	IRON	Flower	0.8	7.0	-1.0566411364104127	--
0	ASH	Flower	3190.0	29000.0	-0.9015001762592432	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Flower	11.0	100.0	-0.8040063541862045	--
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.
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.
1	SODIUM	Flower	6.0	50.0	-0.5904389749392975	--
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.
0	ALKALOIDS	Plant	250.0	300.0	-0.43277214740239855	--
14	MANGANESE	Flower	0.2	2.1	-0.38528752856607995	--
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.
28	CALCIUM	Flower	506.0	4600.0	-0.3238322438264058	--
6	IRON	Fruit	16.0	58.0	-0.29741781491919245	--
0	PROTEIN	Flower	13200.0	120000.0	-0.26465395694542415	--
65	MAGNESIUM	Flower	275.0	2500.0	-0.22564857199406282	--
24	CHROMIUM	Flower	0.3	2.5	-0.20992947913339052	--
0	FIBER(CRUDE)	Flower		70000.0	-0.11557230587253167	--
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.
2	COBALT	Flower	1.0	10.0	-0.004258333627921315	--
4	PHOSPHORUS	Flower	407.0	3700.0	-0.0040175766326249985	--
39	NIACIN	Flower	11.0	95.0	0.004922560177085936	--
14	POTASSIUM	Flower	2200.0	20000.0	0.07485647549902923	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	BETA-CAROTENE	Flower	5.3	48.0	0.12033780868766998	--
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	FAT	Flower	9130.0	83000.0	0.3985901018999854	--
0	WATER	Flower		890000.0	0.5075484737057864	--
0	FIBER(DIETARY)	Flower		420000.0	1.15627254576618	--
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	FLAVONOIDS	Plant	15000.0	25000.0	1.476440967725418	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.