

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Zanthoxylum americanum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-LAURIFOLINE	Stem Bark				--
0	(+)-LAURIFOLINE	Root Bark				--
0	8-(3,3-DIMETHYLALLYL)ALLOXANTHOXYLETIN	Plant				--
0	8-(3,3-DIMETHYLALLYL)ALLOXANTHOXYLETIN	Root Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	ALLOXANTHOXYLETIN	Root Bark				--
0	ALLOXANTHOXYLETIN	Stem Bark				--
0	ALLOXANTHOXYLETIN	Bark				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.
130	BERBERINE	Plant				--
0	BETA-FAGARINE	Bark				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.
47	BETA-SITOSTEROL	Root Bark				--
4	CANDICINE	Plant				--
4	CANDICINE	Stem Bark				--
4	CANDICINE	Root Bark				--
4	CANDICINE	Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
33	CHELERYTHRINE	Bark				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.
33	CHELERYTHRINE	Root Bark				--
0	CNIDILIN	Fruit	3.0	12.5		--
0	GAMMA-FAGARINE	Leaf				--
0	GAMMA-FAGARINE	Plant				--
0	HERCLAVINE	Plant				--
25	IMPERATORIN	Fruit	5.0	19.0	-0.10442286380063209	--
8	ISOIMPERATORIN	Fruit	3.0	12.5	1.377945636523876	--
0	LAURIFOLINE	Root				--
0	LAURIFOLINE	Bark				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	LAURIFOLINE	Root Bark				--
0	LAURIFOLINE	Stem Bark				--
11	MAGNOFLORINE	Stem Bark				--
11	MAGNOFLORINE	Root Bark				--
11	MAGNOFLORINE	Bark				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.
5	NITIDINE	Plant				--
5	NITIDINE	Bark				--
5	NITIDINE	Root Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	O-METHYLTYRAMINE-N-METHYL-CINNAMIDE	Plant				--
31	PSORALEN	Fruit	4.0	15.0	-0.4614599007226958	--
0	RESIN	Plant				--
0	RESINS	Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
21	SKIMMIANINE	Bl				--
21	SKIMMIANINE	Bark				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.
21	SKIMMIANINE	Leaf				--
0	TAMBETARINE	Bark				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.
35	TANNIN	Plant				--
0	TANNINS	Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	TEMBETARINE	Plant				--
0	TEMBETARINE	Bark				--
0	TEMBETARINE	Stem Bark				--
0	TEMBETARINE	Root Bark				--
0	XANTHOXYLETIN	Bark				--
43	XANTHOTOXIN	Fruit	7.0	25.0	-1.0	--
1	XANTHOXYLETIN	Stem Bark				--
1	XANTHOXYLETIN	Root Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	XANTHOXYLETIN	Bark				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	XANTHOXYLETIN	Plant				--
4	XANTHOXYLIN	Plant				--
1	XANTHYLETIN	Root Bark				--
1	XANTHYLETIN	Stem Bark				--
1	XANTHYLETIN	Bark				--