

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Zanthoxylum americanum*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-LAURIFOLINE	Root Bark	--	--		
0	(+)-LAURIFOLINE	Stem Bark	--	--		
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	8-(3,3-DIMETHYLALLYL)ALLOXANTHOXYLETIN	Plant	--	--		
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.
0	ALLOXANTHOXYLETIN	Root Bark	--	--		
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	Root Bark	--	--		
4	CANDICINE	Stem Bark	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	CANDICINE	Bark	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
4	CANDICINE	Plant	--	--		
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	12.5		
0	GAMMA-FAGARINE	Plant	--	--		
0	GAMMA-FAGARINE	Leaf	--	--		
0	HERCLAVINE	Plant	--	--		
25	IMPERATORIN	Fruit	5	19	-0.10442286380063209	
8	ISOIMPERATORIN	Fruit	3	12.5	1.377945636523876	
0	LAURIFOLINE	Stem Bark	--	--		
0	LAURIFOLINE	Root Bark	--	--		
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	--	--		
11	MAGNOFLORINE	Stem Bark	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
11	MAGNOFLORINE	Root Bark	--	--		
5	NITIDINE	Plant	--	--		
5	NITIDINE	Bark	--	--		
5	NITIDINE	Root Bark	--	--		
0	O-METHYLTYRAMINE-N-METHYL-CINNAMIDE	Plant	--	--		
31	PSORALEN	Fruit	4	15	-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	Leaf	--	--		
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.
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.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	Bark	--	--		
0	TEMBETARINE	Root Bark	--	--		
0	TEMBETARINE	Stem Bark	--	--		
0	TEMBETARINE	Plant	--	--		
0	XAMTHOXYLETIN	Bark	--	--		
43	XANTHOTOXIN	Fruit	7	25	-1	
1	XANTHOXYLETIN	Plant	--	--		
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	Root Bark	--	--		
1	XANTHOXYLETIN	Stem Bark	--	--		
4	XANTHOXYLIN	Plant	--	--		
1	XANTHYLETIN	Bark	--	--		
1	XANTHYLETIN	Stem Bark	--	--		
1	XANTHYLETIN	Root Bark	--	--		