

List of All Chemicals

P Hippomane mancinella (Euphorbiaceae)

Common name(s)

Manchineel

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Part	All	Low PPM	High PPM	StdDev	*Reference
12-DEOXY-5-HYDROXYPHORBOL-6GAMMA,7ALPHA-OXIDE	Plant		--	--		*
HIPPOMANINS	Plant		--	--		*
MANCINELLIN	Plant		--	--		*
PHLORACETOPHENONE-2,4-DIMETHYLEETHER	Leaf		--	--		*
PHYSOSTIGMINE	Fruit		--	200.0		*

Activities (24)

Antialzheimeran	Merck 11th Edition
Antialzheimeran?	
Antianesthetic	Martindale's 29th
Antiarthritic	
Antiataxic	Martindale's 29th
Antibursitic	
Anticausalgic 0.5 mg scu man/4x day	Martindale's 29th
Anticholinesterase	
Antideliriant	Martindale's 29th
Antidote (Atropine)	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.
Antidyskinetic	Martindale's 28th
Antifibrositic	
Antiglaucomic	Martindale's 28th
Antimyasthenic	
Antineuralgic 0.5-1 mg/ivn hmn	Martindale's 29th
Antitourette 50 ug/kg ivn inf/1 hr/hmn	Martindale's 29th
Cholinergic	Merck 11th Edition
Insecticide	Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp.
Memorigenic 0.25-2 mg/orl/hmn/ ca 2 hrs/	Martindale's 29th
Miotic	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.
Parasympathomimetic	
Peristaltic	
Pesticide	
Thermogenic 50 ug/kg ivn rat	Matthew, C. B., Francesconi, R. P., Hubbard, R. W. 1992. Physostigmine: Dose-Response Effects on Endurance and Thermoregulation During Exercise. Life Sciences, 50(1): 39-44.

SAPOGENIN	Plant		--	--		*
-----------	-------	--	----	----	--	---