

# List of All Chemicals

## **P** Strophanthus kombe (Apocynaceae)

### Common name(s)

Kombe Arrow Poison

### 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
17-BETA-H-STROPHANTHOSIDE	Seed		--	--		*
ALLO-CYMARIN	Seed		--	--		*
CARDENOLIDES	Seed		70000.0	100000.0	1.41	*
<b>Activities (1)</b>						
Toxic LD50=<50 mg/kg ipr mus	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.					
CYMARIN	Seed		--	2400.0	-1.0	*
<b>Activities (6)</b>						
Anticarcinomic ED50=3.9 ppb	Merck 11th Edition					
Cardiotonic						
Myocardiotoxic						
Myotonic						
Pesticide						
Vasodilator						
CYMAROL	Seed		--	--		*
<b>Activities (1)</b>						
Cardiac	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.					
CYMAROSE	Seed		--	--		*
EMICYMARIN	Seed		--	--		*
ERYSIMOL	Seed		--	--		*
ERYSIMOSIDE	Plant		--	--		*
<b>Activities (1)</b>						
Cardiotonic						
ERYSIMOSOL	Plant		--	--		*
GLUCOCYMAROL	Plant		--	--		*
GLUCOHELVETICOSIDE	Seed		--	--		*
HELVETICOSIDE	Seed		--	--		*
<b>Activities (1)</b>						
Cardiotonic						
ISOEMICYMARIN	Plant		--	--		*
ISOPERIPLOCYMARIN	Plant		--	--		*
K-STROPHANTHIN-BETA	Seed		--	--		*
K-STROPHANTHOL-GAMMA	Seed		--	--		*

K-STROPHANTHOSIDE	Seed	--	--	*
<b>Activities (2)</b>				
Anticarcinomic ED50=30 ppb				
Digitalic				
MUSAROSIDE	Plant	--	--	*
NEOGLUCOERYSIMOSIDE	Seed	--	--	*
PANSTROSIDE	Plant	--	--	*
PERIPLOCYMARIN	Seed	--	--	*
<b>Activities (1)</b>				
Cardiotonic				
PERIPLOGENIN	Seed	--	--	*
STROPHANTHIDIN	Seed	--	--	*
<b>Activities (6)</b>				
Antianginal				
Antiasthmatic				
Anticarcinomic ED50=0.24				
Antiedemic				
Antitumor				
Cardiac				
STROPHANTHIDIN-GLYCOSIDE	Seed	--	--	*
STROPHANTHIDIOL	Seed	--	--	*
STROPHANTHIDOL	Seed	--	--	*
STROPHANTHIDOL-DIGITOXOSIDO-GLUCOSIDE	Seed	--	--	*
STROPHANTHOSIDE-19-CARBOXYLIC-ACID	Seed	--	--	*
TRIGONELLINE	Seed	--	--	*
<b>Activities (15)</b>				
Anticancer (Cervix)	Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.			
Anticancer (Liver)	Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.			
Antihyperglycemic	Iwu, M.M. 1993. <i>Handbook of African Medicinal Plants</i> . CRC Press, Boca Raton, FL 435 pp.			
Antimigraine				
Antiseptic	Iwu, M.M. 1993. <i>Handbook of African Medicinal Plants</i> . CRC Press, Boca Raton, FL 435 pp.			
Antitumor (Cervix)				
Antitumor (Liver)				
Epidermal-Stimulant				
Hypocholesterolemic				
Hypoglycemic 500-3,000 mg/man/day	Martindale's 28th			
Hypoglycemic 50 mg/kg orl rat	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.			
Mutagenic				
Osmoregulator				
Pesticide				
Propepic				