

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Mitragyna speciosa***

Activity	Chemical Count
5-Lipoxygenase-Inhibitor	1
ACE-Inhibitor	1
Adrenolytic	1
Allelochemic	2
Anabolic	1
Analgesic	2
Anesthetic	3
Antiadrenergic	1
Antiaggregant	4
Antianaphylactic	2
Antibacterial	2
Anticomplementary	1
Antidementia	1
Antidiabetic	2
Antidiuretic	1
AntiEBV	2
Antiexcitotoxic	1
Antifeedant	1

Activity	Chemical Count
Antihepatitic	2
AntiHIV	2
Antihyperglycemic	2
Antihypertensive	3
Antiinflammatory	2
Antiischemic	1
Antileukemic	5
Antileukotriene	1
Antilipoperoxidant	2
Antimutagenic	2
Antioxidant	3
Antiperoxidant	2
Antipyretic	1
Antiradicular	1
Antithrombotic	1
Antitussive	1
Antiviral	2
Beta-Adrenergic Receptor Blocker	1
Calcium-Antagonist	1
Calcium-Blocker	1

Activity	Chemical Count
Cancer-Preventive	2
Cardiodepressant	2
Cardiotonic	2
Cerebrocirculant	1
Choline-Sparing	2
Circulotonic	1
CNS-Depressant	2
CNS-Stimulant	1
COMP-Inhibitor	1
Cytotoxic	2
Dopaminergic	1
Febrifuge	1
Hepatotropic	1
Hypocholesterolemic	2
Hypoglycemic	2
Hypotensive	4
Immunostimulant	3
Insulinogenic	2
Interleukin-1-alpha-Inhibitor	1
Interleukin-6-mRNA-Inhibitor	1

Activity	Chemical Count
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	2
Myocontractant	2
Myorelaxant	2
Neuroparalytic	1
NO-Inhibitor	1
Pancreatogenic	2
Peroxynitrite-Scavenger	1
Pesticide	3
Phagocytotic	1
Propepic	1
Protisticide	2
Reverse-Transcriptase-Inhibitor	1
Sedative	1
Serotonergic	1
Sympatholytic	1
TNF-alpha-Inhibitor	1
Tranquilizer	1
Uterotonic	1
Vasodilator	4

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	2