

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Maranta arundinacea***

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Absorbent	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	2
Allelopathic	2
Allergenic	6
Alpha-Glucosidase-Inhibitor	1
Analgesic	4
Androgenic?	1
Angiotensin-Receptor-Blocker	2
Anthelmintic	1
Antiacne	1
Antiacrodynic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	3
Antiaging	3
Antiakathisic	1
Antialcoholic	1
Antiallergic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antianemic	1

Activity	Chemical Count
Antianginal	1
Antiangiogenic	1
Antianorectic	1
Antianxiety	1
Antiarabiflavinoctic	1
Antiarrhythmic	2
Antiarthritic	4
Antiasthmatic	4
Antiatherosclerotic	4
Antibackache	1
Antibacterial	6
Antiberiberi	1
Anticancer	2
Anticancer (Colon)	1
Anticancer (Foreestomach)	1
Anticancer (Liver)	1
Anticancer (Skin)	1
Anticanker	2
Anticarcinogenic	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	5
Anticephalagic	1
Anticervicaldysplastic	3

Activity	Chemical Count
AntiCFS	1
Anticheilitic	2
Antichilblain	1
Anticlastogen	1
Anticlimacteric	2
Anticold	1
Anticolitic	2
Anticomplementary	1
Anticonvulsant	1
Anticoronary	1
AntiCrohn's	2
AntiCTS	1
Anticystitic	1
Antidecubitic	3
Antideliriant	1
Antidementia	3
Antidepressant	3
Antidermatitic	2
Antidiabetic	5
Antidote (Aluminum)	2
Antidote (Cadmium)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Paraquat)	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1

Activity	Chemical Count
Antieczemic	1
Antiedemic	1
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	1
Antiendometriotic	1
Antiepileptic	1
Antiescherichic	1
Antiestrogenic	2
Antifatigue	3
Antifeedant	2
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	1
Antigallstone	1
Antigastric	1
Antigastritic	2
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	1
Antiglossitic	1
Antigonadotropic	2
AntiGTF	1
Antihangover	3
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	1

Activity	Chemical Count
Antihepatic	1
Antihepatotoxic	4
Antiherpetic	5
Antihistaminic	4
AntiHIV	2
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	1
Antihypertensive	4
Antihyperthyroid	1
Antiichthyotic	1
Antiinfertility	1
Antiinflammatory	6
Antiinsomniac	1
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
AntiLegionella	2
Antileishmanic	1
Antileptic	1
Antileukemic	3
Antileukoplakic	1
Antileukotriene	2
Antilipoperoxidant	2
Antilithic	1

Activity	Chemical Count
Antilupus	1
AntiLyme	4
Antimaculitic	2
Antimalarial	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	1
AntiMeniere's	1
Antimenopausal	2
Antimenorrhagic	1
Antimetastatic	1
Antimigraine	3
Antimutagenic	7
Antimycotic	1
Antimyocarditic	2
Antinesidioblastosic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	1
Antiobesity	3
Antiophidic	1

Activity	Chemical Count
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	3
Antioxidant	10
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	2
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontitic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	5
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplaque	1
Antiplasmodial	1
AntiPMS	3
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antiporphyrinic	1
Antiproliferant	2

Activity	Chemical Count
Antiprostanoid	1
Antiprostatic	1
Antipsoriac	2
Antipyretic	2
Antiradicular	8
AntiRaynaud's	2
Antiretinotic	1
Antirheumatic	3
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	4
Antishingles	1
Antisickling	2
Antispasmodic	4
Antistreptococcic	1
Antistress	3
Antisunburn	1
Antisyndrome-X	1
Antithiamin	1
Antithrombic	1
Antithyroid	1
Antitic	1
Antitrypanosomic	1
Antitumor	6
Antitumor (Bladder)	1
Antitumor (Breast)	2



Activity	Chemical Count
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Foreestomach)	1
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	3
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Prostate)	1
Antitumor (Skin)	3
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antitussive	1
Antiulcer	5
Antiuricosuric	1
Antivertigo	1
Antiviral	5
Antixerophthalmic	1
Anxiolytic	2
Apoptotic	3
Ascaricide	1
Asthma-preventive	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1

Activity	Chemical Count
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Calcium-Antagonist	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	10
Candidicide	1
Capillariprotective	1
Carcinogenic	2
Cardioprotective	5
Cardiovascular	1
Catabolic	1
Cathartic	1
Chemopreventive	3
Cholagogue	1
Choleretic	2
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Stimulant	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	1
Colorant	1
COMT-Inhibitor	1
Copper-Chelator	1

Activity	Chemical Count
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	1
Deiodinase-Inhibitor	1
Detoxicant	1
Diaphoretic?	1
Differentiator	1
Diuretic	4
Emollient	1
Estrogenic	1
Fibrinolytic	1
Fistula-Preventive	1
Fungicide	4
Fungistat	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Glutathione-Depleting	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	3
Hepatotoxic	2
Histamine-Inhibitor	1
HIV-RT-Inhibitor	1
Hyperglycemic	1
Hypocholesterolemic	4

Activity	Chemical Count
Hypoglycemic	5
Hypolipidemic	1
Hypotensive	3
Hypouricemic	1
Immunomodulator	1
Immunostimulant	5
Immunosuppressant	2
iNOS-Inhibitor	1
Inotropic	1
Insectifuge	2
Insulinogenic	1
Interferon-Synergist	1
Interferonogenic	2
Juvabional	2
Larvostat	2
Laxative	3
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	2
Lithogenic	1
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	1
Mucolytic	1

Activity	Chemical Count
Mutagenic	1
NADH-Oxidase-Inhibitor	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
Pesticide	7
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Phytoalexin	1
Plasmodicide	1
Poultice	1
Proliferant	1
Prooxidant	2
Prostaglandigenic	2
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
PTK-Inhibitor	1

Activity	Chemical Count
Quinone-Reductase-Inducer	1
Secretagogue	2
Sedative	1
Serotonergic	1
Sunscreen	1
Sweetener	1
Teratologic	1
Thymoprotective	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	1
Tranquilizer	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquitin	5
Uricosuric	2
Urinary-Acidulant	1
Vasodilator	5
VEGF-Inhibitor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	1