

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Moringa oleifera*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	3
5-HETE-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
Acaricide	1
Acarifuge	1
Acidulant	1
Acnegenic	1
Adjuvant	1
Albuminurigenic	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	2
Allergenic	8
Alpha-Reductase-Inhibitor	1
Analgesic	7
Androgenic	1
Androgenic?	1
Anemiagenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	1
Antiacid	1
Antiacne	2
Antiacrodynic	1

Activity	Chemical Count
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	6
Antiaging	5
Antiakathisic	1
Antialcoholic	2
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	5
Antialopepic	2
Antialzheimeran	7
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	3
Antianemic	3
Antianginal	4
Antiangiogenic	1
Antianorectic	2
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiartherosclerotic	2
Antiarthritic	9

Activity	Chemical Count
Antiasthmatic	6
Antiatherogenic	1
Antiatherosclerotic	7
Antibackache	1
Antibacterial	8
Antiberiberi	1
Antibiotic	2
Antibronchitic	1
Anticancer	6
Anticancer (Breast)	2
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	2
Anticarcinogenic	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	8
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Antichorea	1
Antichoreic	2

Activity	Chemical Count
Anticirrhotic	1
Anticlimacteric	3
Anticold	1
Anticolitic	2
Anticomplementary	1
Anticonvulsant	4
Anticoronary	3
AntiCrohn's	2
AntiCRP	1
AntiCTS	1
Anticystinuric	1
Anticystitic	1
Antidandruff	1
Antidecubitic	4
Antideliriant	1
Antidementia	7
Antidepressant	8
Antidepressant?	1
Antidermatitic	3
Antidiabetic	9
Antidiabetic?	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	1
Antidote (Hypoglycin-A)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1

Activity	Chemical Count
Antidote (Paraquat)	1
Antidrepanocytic	1
Antidyskinetic	2
Antidysmenorrheic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	2
Antiedemic	3
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	6
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	3
Antiepitheleomic	1
Antiescherichic	3
Antiestrogenic	2
Antifatigue	5
Antifeedant	2
Antifertility	2
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	1
Antiflu	2

Activity	Chemical Count
Antigallstone	1
Antigastric	1
Antigastritic	3
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	1
Antiglycosation	1
Antigoiter	1
Antigonadotrophic	1
Antigonadotropic	2
Antigrey	1
AntiGTF	1
Antihangover	3
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	5
Antitherpetic	7
Antihistaminic	5
AntiHIV	2
Antihomocysteine	1
Antihomocystinuric	1
Antihydrophobic	1

Activity	Chemical Count
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	1
Antiinfarctal	1
Antiinfertility	4
Antiinflammatory	11
Antiinsomniac	3
Antiinsomnic	1
Antiischemic	2
Antikeratitic	1
Antilactobacillic	1
AntiLegionella	1
Antileishmanic	1
Antileptic	1
Antileukemic	5
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	1

Activity	Chemical Count
Antilipoperoxidant	2
Antilisteria	1
Antilithic	4
Antilupus	2
AntiLyme	5
Antilymphocytic	1
Antilymphomic	1
Antimaculitic	4
Antimalarial	1
Antimanic	2
Antimastalgic	2
Antimastitic	1
AntiMD	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	1
Antimigraine	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2
Antimutagenic	9
Antimyocarditic	2
Antimyoclonic	1

Activity	Chemical Count
Antineoplastic	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	4
Antiobesity	3
Antiophidic	3
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	3
Antiosteoporotic	5
Antioxidant	23
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1

Activity	Chemical Count
Antiperiodontic	1
Antiperiodontitic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplateque	3
Antiplasmodial	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antiporphyric	1
Antiprogestational	1
Antiproliferant	4
Antiprostaglandin	4
Antiprostanoid	1
Antiprostadenomic	1
Antiprostatitic	4
Antiprostatotic	1
Antipruritic	1
Antipsoriac	2
Antipsychotic	1

Activity	Chemical Count
Antipyretic	3
Antiradicular	8
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinopathic?	1
Antiretinotic	2
Antirheumatic	6
Antirhinitic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antisenility	1
Antiseptic	7
Antiserotonin	1
Antishingles	1
Antisickling	4
Antispasmodic	8
Antispasmophilic	1
Antistaphylococcic	2
Antisteatotic	1
Antisterility	1
Antistomatitic	1
Antistreptococcic	1
Antistress	4
Antistroke	4

Activity	Chemical Count
Antisunburn	2
Antisyndrome-X	3
Antithalasemic	1
Antithiamin	2
Antithrombic	1
Antithrombotic	1
Antithromboxane-B2	1
Antithyroid	1
Antithyrototoxic	1
Antititic	1
Antitoxemic	1
Antitrypanosomic	1
Antitumor	11
Antitumor (Bladder)	2
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Colorectal)	1
Antitumor (Gastric)	1
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Prostate)	3
Antitumor (Skin)	2
Antitumor (Stomach)	3
Antitumor-Promoter	5
Antiulcer	9

Activity	Chemical Count
Antiulcerogenic	2
Antiuremic	1
Antivaccinia	1
Antivertigo	1
Antiviral	9
Antivittilgic	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	6
Aphrodisiac	1
Apoptotic	6
Aromatase-Inhibitor	1
Artemicide	2
Asthma-preventive	1
ATPase-Inhibitor	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	20
Candidicide	3
Capillariprotective	1

Activity	Chemical Count
Carcinogenic	4
Cardiodepressant	1
Cardioprotective	9
Cardiotonic	1
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	1
Cerebroprotective	1
Cerebrotonic	1
Chemopreventive	2
Cholagogue	1
Choleretic	4
Cholinergic	1
Circulatory-Stimulant	1
Circulotonic	3
Clastogenic	1
CNS-Active	1
CNS-Depressant	1
CNS-Paralytic	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	1
Colorant	1
Comedogenic	1
COMT-Inhibitor	1
Contraceptive	1

Activity	Chemical Count
Copper-Chelator	2
Cosmetic	3
COX-1-Inhibitor	1
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	3
Deiodinase-Inhibitor	1
Dermatitigenic	2
Detoxicant	1
Diaphoretic?	2
Differentiator	1
Diuretic	8
DNA-Active	1
DNA-Protective	1
Emetic	1
Enterodepressant	1
Essential	8
Estrogenic	4
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatulent	1
FLavor	6
Fungicide	8

Activity	Chemical Count
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
Goitrogenic	1
Gonadotrophic	1
Hemolytic	1
Hemostat	1
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	8
Hepatotoxic	1
Hepatotropic	1
Herbicide	1
Histamine-Inhibitor	1
HIV-RT-Inhibitor	2
Hormone	1
Hypercholesterolemic	2
Hypertensive	2
Hyperthyroid	1
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	15
Hypoglycemic	6
Hypolipidemic	2
Hypotensive	9

Activity	Chemical Count
Hypouricemic	1
ICAM-1-Inhibitor	1
Ileorelaxant	1
Immunomodulator	5
Immunostimulant	5
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	3
Insectifuge?	1
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	2
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	4
JNK-Inhibitor	1
Juvabional	1
Keratolytic	1
Larvostat	1
Laxative	5
Leukotriene-Inhibitor	1
Lipotropic	2
Lipoxygenase-Inhibitor	4

Activity	Chemical Count
Lithogenic	1
Litholytic	1
Lubricant	3
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Mucogenic	1
Mucolytic	1
Mutagenic	2
Myocardiotoxic	1
Myodepressant	1
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	2
Nematicide	3
NEP-Inhibitor	1
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	3
Neurotoxic	1

Activity	Chemical Count
Neurotransmitter	1
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	4
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Ovulant	1
Oxidant	2
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Parasiticide	1
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	3
Pesticide	13
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Prolactinogenic	1
Proliferant	1

Activity	Chemical Count
Prooxidant	3
Propepic	3
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Renotoxic	1
Roborant	1
Scabicide	1
Schizophrenigenic	1
Sedative	4
Serotoninerpic	2
Soap	1
Spermicide	1
Spermigenic	1
Sunscreen	1
Suppository	1
Sympathomimetic	1
Teratologic	2
Thymoprotective	1
Thyrotropic	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	2
Tranquilizer	2

Activity	Chemical Count
Tremorigenic	1
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	2
Ulcerogenic	1
Uricosuric	2
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotonic	1
Uterotrophic	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	10
VEGF-Inhibitor	1
Viristat	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	2