

Dr. Duke's Phytochemical and Ethnobotanical Databases**Biological Activities found in *Azadirachta indica***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acarifuge	1
ACE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	7
Allelochemic	4
Allergenic	2
Alpha-Reductase-Inhibitor	1
Amebicide	1
Analgesic	4
Androgenic	1
Anemiagenic	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	1
Anthelmintic	1
Antiacne	2
Antiadenomic	1
Antiadrenergic	1
Antiaflatoxin	3
Antiaggregant	4
Antiaging	2
Antialcoholic	1

Activity	Chemical Count
Antiallergenic	1
Antiallergic	5
Antialopepic	3
Antialzheimeran	1
Antianaphylactic	2
Antiandrogenic	4
Antianginal	1
Antiangiogenic	1
Antianorectic	1
Antianxiety	2
Antiapoplectic	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	7
Antiasthmatic	3
Antiatherogenic	1
Antiatherosclerotic	4
Antibacterial	10
Antibronchoconstrictor	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticapillary-Fragility	2
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	3

Activity	Chemical Count
Anticephalagic	1
AntiCFS	1
Anticholinergic	2
Anticlastogen	1
Anticlimacteric	2
Anticolitic	1
Anticomplementary	1
Anticonvulsant	2
Anticoronary	2
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidementia	1
Antidepressant	3
Antidermatitic	4
Antidiabetic	4
Antidiarrheic	1
Antidote (Aluminum)	1
Antidote (Lead)	1
Antidysenteric	1
Antidysmenorrheic	1
Antiecdysic	1
Antieczemic	2
Antiedemic	4
Antielastase	2
Antiencephalitic	1

Activity	Chemical Count
Antiendometriotic	1
Antienterotic	1
Antieosinophilic	1
Antiepileptic	1
Antierythemic	1
Antiescherichic	1
Antiestrogenic	2
Antifatigue	1
Antifeedant	11
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antiflu	3
Antifuruncular	1
Antigastric	2
Antigastrotic	1
Antigingirrhagic	1
Antigingivitic	2
Antiglaucomic	2
Antigonadotrophic	2
Antigonadotropic	1
Antigranular	1
Antigrey	1
AntiGTF	1
Antihematuric	1
Antihemorrhagic	1

Activity	Chemical Count
Antihemorrhoidal	1
Antihepatotoxic	7
Antitherpetic	5
Antihistaminic	7
AntiHIV	3
Antihydrophobic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihypoglycemic	1
Antiimplantation	1
Antiinflammatory	12
Antiinsomniac	2
Antiischemic	1
Antileishmanic	1
Antileukemic	3
Antileukotriene	1
Antileukotriene-D4	2
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	1
AntiLyme	1
Antilymphocytic	1
Antilymphomic	1
Antimalarial	12
Antimastalgic	1

Activity	Chemical Count
Antimelanomic	2
Antimenopausal	2
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	9
Antimyocarditic	1
Antinephritic	2
Antinephrolytic	1
Antineurotic	1
Antinitrosaminic	1
Antinociceptive	3
Antiobesity	2
Antiophidic	2
Antiosteoarthritic	1
Antiosteoporotic	3
Antioxidant	11
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1

Activity	Chemical Count
Antiplatelet	4
Antiplasmodial	6
Antiplatelet	1
AntiPMS	3
Antipodriac	1
Antipolio	1
Antiprogestational	1
Antiproliferant	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	2
Antipyorrhic	1
Antipyretic	2
Antiradicular	5
AntiRaynaud's	1
Antirenitic	1
Antiretinopathic	1
Antirheumatic	1
Antiscabic	1
Antiseborrheic	2
Antiseptic	4
Antiserotonin	1
Antispasmodic	6

Activity	Chemical Count
Antispasmodic	1
Antistaphylococcal	2
Antistreptococcal	1
Antistress	2
Antistroke	1
Antisunburn	1
Antisyndrome-X	1
Antithiamin	1
Antithrombotic	1
Antithrombogenic	2
Antithyroid	1
Antitick	1
Antitrypanosomic	3
Antitubercular	1
Antitumor	7
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	4
Antitussive	1
Antiulcer	8
Antivaricose	1
Antiviral	9

Activity	Chemical Count
Antiwrinkle	1
Anxiolytic	3
Apoptotic	6
Aromatase-Inhibitor	1
Artemicide	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Blocker	1
Bradycardiac	1
Bronchorelaxant	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	13
Candidicide	3
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2
Carcinogenic	4
Cardioprotective	2
Cardiotonic	1
Caspase-8-Inducer	1
Catabolic	2
Chelator	1
Chemopreventive	1

Activity	Chemical Count
Cholagogue	1
Choleretic	4
CNS-Depressant	3
CNS-Sedative	1
CNS-Stimulant	2
Comedogenic	1
Comedolytic	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Copper-Chelator	2
Cosmetic	3
COX-2-Inhibitor	2
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	6
Deiodinase-Inhibitor	1
Depressant	1
Dermatitogenic	1
Detoxicant	1
Diaphoretic?	2
Differentiator	1
Diuretic	8
Dye	1
Estrogenic	3
Estrogenic?	1

Activity	Chemical Count
Febrifuge	1
FLavor	3
Fungicide	5
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
Hemolytic	1
Hemostat	3
Hepatomagenic	2
Hepatoprotective	8
Hepatotonic	1
Herbicide	1
HIV-RT-Inhibitor	2
Hypercholesterolemic	2
Hypocholesterolemic	8
Hypoglycemic	6
Hypolipidemic	1
Hypotensive	8
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	3
Immunostimulant	1
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	2
Insectifuge	5
Insectiphile	2

Activity	Chemical Count
Insulinogenic	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	2
Keratolytic	1
Larvostat	3
Laxative	4
Lipoxygenase-Inhibitor	5
Litholytic	1
Lubricant	3
MAO-A-Inhibitor	2
MAO-Inhibitor	4
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Musculotropic	1
Mutagenic	4
Myoprotective	1
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	3
Nematostat	1
NEP-Inhibitor	1

Activity	Chemical Count
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Oviposition-Stimulant	1
Oxidase-Inhibitor	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Paramecicide	1
Parasiticide	1
Percutaneostimulant	1
Perfumery	2
Pesticide	20
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	1
Phytohormonal	1
Plasmodicide	1
Proliferant	1
Propecic	4
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1

Activity	Chemical Count
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Radioprotective	1
Scabicide	1
Soap	1
Spermicide	2
Sunscreen	1
Suppository	1
Teratologic	2
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	4
Tranquilizer	2
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	2
Ubiquit	1
Ulcerogenic	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
Vasodilator	7
Vasopressor	2
VEGF-Inhibitor	1

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	3