

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Acacia nilotica***

<b>Activity</b>	<b>Chemical Count</b>
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	2
Acaricide	1
ACE-Inhibitor	6
Acetylcholinergic	1
Acidulant	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	7
Allelochemic	4
Allergenic	6
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	6
Androgenic	1
Androgenic?	1
Anemiagenic	1
Angiotensin-Receptor-Blocker	3
Anthelmintic	1
Antiacne	2
Antiadenovirus	1
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	4
Antiaging	3

Activity	Chemical Count
Antialcoholic	4
Antiallergenic	1
Antiallergic	3
Antialopepic	1
Antialzheimeran	3
Antiamebic	1
Antianaphylactic	3
Antiandrogenic	1
Antianemic	1
Antianginal	1
Antiangiogenic	2
Antianorectic	2
Antianxiety	2
Antiarabiflavivotic	1
Antiarrhythmic	5
Antiarteriosclerotic	1
Antiartritic	6
Antiasthmatic	6
Antiatherosclerotic	6
Antibackache	1
Antibacterial	16
Antiberiberi	1
Antibronchitic	1
Anticancer	5
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Esophagus)	1

Activity	Chemical Count
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Mouth)	1
Anticancer (Skin)	1
Anticanker	1
Anticarcinogenic	2
Anticarcinomic	4
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticaries	1
Anticariogenic	3
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	1
Anticlastogen	2
Anticlimacteric	3
Anticoagulant	1
Anticold	1
Anticolitic	2
Anticomplementary	2
Anticonvulsant	1
Anticoronary	3
AntiCrohn's	2
AntiCTS	1

Activity	Chemical Count
Anticystitic	1
Antidecubitic	3
Antideliriant	1
Antidementia	2
Antidepressant	5
Antidermatitic	2
Antidiabetic	8
Antidiarrheic	2
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	1
Antidote (Lead)	2
Antidote (Paraquat)	1
Antidysenteric	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidyspeptic	1
AntiEBV	1
Antieczemic	1
Antiedemic	4
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	2
Antiescherichic	2

Activity	Chemical Count
Antiestrogenic	1
Antifatigue	4
Antifeedant	5
Antifibrinolytic	1
Antifibromyalgic	2
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	4
Antigallstone	1
Antigastric	1
Antigastritic	2
Antigastrotic	1
Antigenotoxic	1
Antigiardial	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	1
Antigonadotropic	2
AntiGTF	2
Antihangover	3
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	2
Antihepatitic	1
Antihepatomic	1
Antihepatotoxic	8
Antiherpetic	7

Activity	Chemical Count
Antihiccup	1
Antihistaminic	3
AntiHIV	8
Antihydrophobic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	7
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiinfertility	1
Antiinflammatory	13
Antiinsomniac	2
Antiischemic	1
Antikeratitic	1
Antiketotic	2
AntiLegionella	2
Antileishmanic	2
Antileptic	1
Antileukemic	2
Antileukoplakic	1
Antileukotriene	2
Antileukotriene-D4	1
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	3

Activity	Chemical Count
Antilupus	2
AntiLyme	4
Antimaculitic	2
Antimalarial	3
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	2
Antimelasmic	1
Antimenopausal	3
Antimenorrhagic	1
Antimetastatic	1
Antimigraine	4
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	13
Antimyocarditic	2
Antinauseant	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	1
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1

Activity	Chemical Count
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	3
Antiobesity	3
Antionychyotic	1
Antiophidic	2
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	5
Antiototic	1
Antioxidant	19
Antioxidant Synergist	1
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	2
Antiparotitic	1
Antipellagic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	6



Activity	Chemical Count
Antipertussive	1
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	3
Antiplasmodial	2
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	2
Antiporphyric	1
Antiproliferant	2
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatitic	1
Antiproteolytic	1
Antipsoriac	3
Antipurpuric	1
Antipyretic	1
Antiradicular	11
AntiRaynaud's	2
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	3
Antirhinitic	1

Activity	Chemical Count
Antiscorbutic	1
Antiseborrheic	1
Antiseptic	11
Antishingles	1
Antisilicotic	1
Antispasmodic	7
Antispasmophilic	1
Antistaphylococcic	2
Antistreptococcic	3
Antistress	4
Antistroke	2
Antisunburn	1
Antisyndrome-X	3
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyreotropic	1
Antithyroid	2
Antitic	1
Antitrypanosomic	2
Antitubercular	1
Antitumor	13
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Forestomach)	1

Activity	Chemical Count
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	6
Antitussive	1
Antiulcer	9
Antivaginitic	1
Antivaricose	1
Antiviral	11
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	3
Aphidifuge	1
Apoptotic	5
Asthma-preventive	1
Astringent	3
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	3
Beta-Adrenergic Receptor Blocker	4
Beta-Blocker	2

Activity	Chemical Count
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchodilator	1
Bruchiphobe	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	15
Candida-SAP-Inhibitor	1
Candidicide	4
Capillarigenic	1
Capillariprotective	1
Carcinogenic	5
Cardioprotective	7
Cardiotonic	2
Cardiotoxic	1
Cardiovascular	1
Catabolic	1
Chelator	2
Chemopreventive	3
Cholagogue	1
Choleretic	4
Clastogenic	1
CNS-Active	2
CNS-Depressant	2
CNS-Paralytic	1

Activity	Chemical Count
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	1
Collyrium	1
Colorant	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Convulsant	1
Copper-Chelator	1
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	6
Decalcifier	1
Deiodinase-Inhibitor	2
Deliriant	1
Demulcent	2
Depigmentor	1
Dermatitigenic	2
Detoxicant	3
Diagnostic	1
Diaphoretic	1
Diaphoretic?	1

Activity	Chemical Count
Differentiator	1
Diuretic	8
Dye	3
Ecbolic	1
Emetic	1
Encephalopathic	1
Estrogenic	1
Fatal	1
Fistula-Preventive	1
Flatugenic	2
FLavor	2
Floral-Inhibitor	1
Fungicide	5
Fungistat	1
Gastroprotective	2
Glucosyl-Transferase-Inhibitor	3
Glutathione-Depleting	1
Goitrogenic	1
Gram(+)icide	1
Gram(-)icide	1
Hemopoietic	1
Hemostat	5
Hemostatic	2
Hepatomagenic	1
Hepatoprotective	7
Hepatotonic	1
Hepatotoxic	1

Activity	Chemical Count
Herbicide	1
Histamine-Inhibitor	1
HIV-RT-Inhibitor	2
Hormone	1
Hypercholesterolemic	1
Hyperglycemic	1
Hypertensive	2
Hypocholesterolemic	8
Hypoglycemic	5
Hypolipemic	1
Hypolipidemic	1
Hypotensive	7
Hypouricemic	1
Immunomodulator	3
Immunostimulant	7
Immunosuppressant	2
iNOS-Inhibitor	1
Inotropic	1
Insectifuge	3
Insectiphile	2
Insulin-Sparing	2
Insulinogenic	2
Interferon-Synergist	1
Interferonogenic	2
Irritant	4
Juvabional	3
Larvicide	1

Activity	Chemical Count
Larvostat	2
Laxative	5
Laxative?	1
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	5
Lithogenic	1
Litholytic	1
MAO-A-Inhibitor	2
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mosquitocide	1
Mucogenic	1
Mucolytic	1
Mutagenic	1
Mycobactericide	2
Mycoplasmatat	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	3
Neuroprotective	4



Activity	Chemical Count
Neurotransmitter	1
NF-kB-Inhibitor	1
Nigrifacient	1
NO-Genic	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
Paralytic	1
Percutaneostimulant	1
Perfumery	1
Peroxynitrite-Scavenger	1
Pesticide	21
PGE2-Inhibitor	1
Phagocytotic	3
Phospholipase-Inhibitor	1
Plasmodicide	1
Preservative	1
Proliferant	1
Prooxidant	1
Propecic	1
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Protisticide	1

Activity	Chemical Count
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Renotoxic	1
Secretagogue	1
Sedative	1
Sialogogue	1
Stimulant	1
Styptic	1
Sunscreen	2
Sweetener	3
Teratologic	1
Thymoprotective	1
Tinnitogenic	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	2
Triglycerigenic	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquit	2
Uricogenic	1
Uricosuric	1

Activity	Chemical Count
Urinary-Acidulant	1
Uterorelaxant	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	6
Vasopressor	1
VEGF-Inhibitor	1
Vulnerary	3
Xanthine-Oxidase-Inhibitor	7