

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

<b>Activity</b>	<b>Chemical Count</b>
Pesticide	34
Cancer-Preventive	29
Antioxidant	22
FLavor	20
Antibacterial	19
Antiseptic	18
Antiinflammatory	17
Antitumor	15
Sedative	15
Allergenic	15
Fungicide	14
Antimutagenic	14
Perfumery	13
Insectifuge	13
Hypocholesterolemic	12
Nematicide	11
Antispasmodic	11
Antiulcer	11
Antiviral	11
Antiradicular	9
Antiherpetic	9
Analgesic	9
Aldose-Reductase-Inhibitor	9
Hepatoprotective	9
Anticancer	8
Vasodilator	8
Anesthetic	8

Activity	Chemical Count
Essential	8
Antiaggregant	7
Anticataract	7
Apoptotic	7
Insecticide	7
Antiallergic	7
Antiencephalopathic	6
Choleretic	6
Anticariogenic	6
Antiparkinsonian	6
Immunostimulant	6
Hypotensive	6
Antihistaminic	6
Antipyretic	6
Carcinogenic	6
Antihypertensive	6
Antihepatotoxic	5
Anticonvulsant	5
Tyrosinase-Inhibitor	5
Candidicide	5
Cytotoxic	5
Hypoglycemic	5
Antiasthmatic	5
Antidiabetic	5
Antimelanomic	5
Antifeedant	5
Antirheumatic	5

Activity	Chemical Count
Antiarthritic	5
Trichomonicide	5
Antidementia	5
Motor-Depressant	5
Antileukemic	5
Antiedemic	5
Juvabional	5
Diuretic	5
Antistaphylococcic	5
COX-2-Inhibitor	4
Antiacne	4
Antiandrogenic	4
Antialzheimeran	4
Antieczemic	4
Antimigraine	4
Antidepressant	4
AntiLyme	4
Estrogenic	4
Propecic	4
Antianaphylactic	4
Expectorant	4
Irritant	4
Immunomodulator	4
Antitumor-Promoter	4
5-Alpha-Reductase-Inhibitor	4
Insectiphile	4
Termiticide	3

Activity	Chemical Count
Antiaflatoxin	3
Larvicide	3
Antiperoxidant	3
Antigastritic	3
Neuroprotective	3
Antistress	3
Dermatitigenic	3
Antipsoriac	3
Topoisomerase-I-Inhibitor	3
Antiprostatic	3
Antiobesity	3
Antigingivitic	3
Ulcerogenic	3
Anxiolytic	3
Allelochemic	3
Xanthine-Oxidase-Inhibitor	3
Myorelaxant	3
AntiHIV	3
cAMP-Phosphodiesterase-Inhibitor	3
Antiatherosclerotic	3
Carminative	3
Antipellagic	3
Antimenopausal	3
Antifibrinolytic	3
Antialopepic	3
Antidecubitic	3
Monoamine-Precursor	3

Activity	Chemical Count
Antisalmonella	3
Chemopreventive	3
Anticervicaldysplasic	3
Emetic	3
Neurotoxic	3
Cardioprotective	3
Vulnerary	3
Antiosteoporotic	3
ACE-Inhibitor	3
Cyclooxygenase-Inhibitor	3
Antihepatitic	3
Hypnotic	3
Antineuralgic	3
Antihangover	3
Rodenticide	3
Antiperiodontitic	3
Uricosuric	3
Prooxidant	3
Narcotic	3
Antiproliferant	3
Antiescherichic	2
Comedolytic	2
Sunscreen	2
Antiplateque	2
Antileukotriene-D4	2
HIV-RT-Inhibitor	2
CNS-Depressant	2

Activity	Chemical Count
Antiarteriosclerotic	2
Embryotoxic	2
Antidote (Lead)	2
Antianxiety	2
AntiRaynaud's	2
Tremorigenic	2
Antimenorrhagic	2
Antifibrotic	2
Antisickling	2
Hemostat	2
Acaricide	2
Cyanogenic	2
Mosquitofuge	2
Calcium-Antagonist	2
Antiestrogenic	2
11B-HSD-Inhibitor	2
Antilithic	2
Vasopressor	2
Antinephritic	2
Laxative	2
Antiphenylketonuric	2
Bacteristat	2
Uterotrophic	2
Antiperiodontic	2
Antiinsomniac	2
Aromatase-Inhibitor	2
Herbicide	2

Activity	Chemical Count
Quinone-Reductase-Inducer	2
Antidote (Aluminum)	2
Phagocytotic	2
Antiallergenic	2
Antimalarial	2
Gram(-)-icide	2
COX-1-Inhibitor	2
Antitumor (Lung)	2
Lipoxygenase-Inhibitor	2
Antimitotic	2
Antiinfertility	2
Tumor-Promoter	2
Antistreptococcic	2
Antioxidant?	2
Hepatotoxic	2
Anticancer (Pancreas)	2
Antidermatitic	2
Mutagenic	2
Antiprostaglandin	2
Antinociceptive	2
Antitumor (Prostate)	2
Anticoronary	2
Lubricant	2
Anticlimacteric	2
Serotoninerpic	2
Larvostat	2
Astringent	2

Activity	Chemical Count
Antithyroid	2
Angiotensin-Receptor-Blocker	2
Protistocide	2
Detoxicant	2
Antiyeast	2
Antimetastatic	2
Anticancer	2
Topoisomerase-II-Inhibitor	2
Antifatigue	2
Antipoliomyelitic	2
Antimaculitic	2
Gram(+)icide	2
Antibronchitic	2
PAF-Inhibitor	2
Antiaging	2
AntiPMS	2
Fungistat	2
Antiepileptic	2
Antiphotophobic	2
Oxidant	2
Antiglaucomic	2
Anticheilitic	2
Antiacetylcholinesterase	2
NO-Inhibitor	2
Anticarcinomic	2
Antipruritic	2
Cytochrome-P450-Inhibitor	2



Activity	Chemical Count
TNF-alpha-Inhibitor	2
Percutaneostimulant	1
5-Lipoxygenase-Inhibitor	1
Hypothermic	1
Antinitrosic	1
Antitumor (Pancreas)	1
Antidandruff	1
Antialcoholic	1
Metastatic	1
Antipodagric	1
Antilymphedemic	1
Gastroprotective	1
Bruchifuge	1
P450-2B-Inducer	1
Hypoarginanemic	1
Antineurasthenic	1
Antihematuric	1
Antitumor (Colon)	1
Lithogenic	1
Beta-Blocker	1
Antibackache	1
Antimycoplasmotic	1
Antiglutamaergic	1
Antitrypanosomic	1
Anticlastogen	1
Serotonin-Inhibitor	1
Antikeratotic	1

Activity	Chemical Count
Estrogenic?	1
Asthma-preventive	1
Antidyspeptic	1
Urine-Acidifier	1
Ovicide	1
Antirhinitic	1
Antimononucleotic	1
Catabolic	1
Antithromboxane	1
Anticephalagic	1
Respirodepressant	1
Iodothyronine-Deiodinase-Inhibitor	1
Antipeptic	1
Apifuge	1
Cardiodepressant	1
Anticarcinomic (Lung)	1
Prostaglandin-Synthesis-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Insulinase-Inhibitor	1
Antiozenic	1
Antiichthyosic	1
Antixerophthalmic	1
Antidote	1
Anticancer (Prostate)	1
Piscicide	1
Aldehyde-Oxidase-Inhibitor	1
Inotropic	1

Activity	Chemical Count
Vermifuge	1
Antiosteoarthritic	1
Antihyperammonemic	1
Antiuremic	1
Antidermatitic?	1
Mycobactericide	1
Antimastitic	1
Antiseborrheic	1
Anticancer (Colon)	1
ICAM-1-Inhibitor	1
Antiherpetic?	1
Antitumor (Stomach)	1
Antideliriant	1
Thermogenic	1
Antialkali?	1
Antipolio	1
Antilymphomic	1
Glutathionigenic	1
Antiberiberi	1
P450-Inhibitor	1
Antineuropathic	1
Antihemorrhoidal	1
Cosmetic	1
Antitumor (GI)	1
AntiCrohn's	1
Sympathomimetic	1
Lymphocytogenic	1

Activity	Chemical Count
Antiplatelet	1
Bronchodilator	1
Antiendometriotic	1
Antiscoliotic	1
Hypertensive	1
AntiGTF	1
Cold-preventive	1
Anticold	1
Soap	1
AntiADD	1
Antileptic	1
Fatal	1
Ovulant	1
AntiMRSA	1
Antitic	1
AntiCFS	1
Roborant	1
Anthelmintic	1
JNK-Inhibitor	1
Enterorelaxant	1
Antidote (Paraquat)	1
Antiarabiflavinotic	1
NO-Genic	1
Antiretinotic	1
Cardiotonic	1
Antisyndrome-X	1
Anaphrodisiac	1

Activity	Chemical Count
Interferon-Synergist	1
Antiimplantation	1
Diaphoretic?	1
Trichomonistat	1
Antianginal	1
Nephrotoxic	1
Antipurpuric	1
Capillariprotective	1
Anticapillary-Fragility	1
Prolactinogenic	1
Antiotitic	1
Antihyperkinetic	1
Deiodinase-Inhibitor	1
Antivertigo	1
Toxic	1
Antiamnesic	1
Antiprotozoal	1
Hepatomagenic	1
Antiserotonin	1
Anticancer (Kidney)	1
Acidulant	1
Antioncychomycotic	1
Cytochrome-P450-Inducer	1
Antitussive	1
Tineacide	1
Mucogenic	1
Antiporphyrin	1

Activity	Chemical Count
Antibrucellosic	1
Parasiticide	1
5-HT-Inhibitor	1
Antinitrosating	1
Antihepatotic	1
AntiCVI	1
Teratologic	1
Antiakathisic	1
MAO-Inhibitor	1
Antipneumonic	1
GABA-nergic	1
Bronchosedative	1
Antierthemic	1
Hypoammonemic	1
Antineuramidase	1
Antiheartburn	1
Colorant	1
Antitumor (CNS)	1
Anticolitic	1
Styptic	1
Antiadenovirus	1
Antipityriasic	1
Antileukoplakic	1
Fistula-Preventive	1
Beta-Adrenergic Receptor Blocker	1
Antiencephalitic	1
Vasoconstrictor	1

Activity	Chemical Count
P450-1A-Inducer	1
Herpetifuge	1
Antiglossitic	1
Circulotonic	1
Antitoxoplasmotic	1
Antichilblain	1
Antiacid	1
Keratolytic	1
Antiperistaltic	1
Antikeratitic	1
Ascaricide	1
Antidyskinetic	1
Urinary-Acidulant	1
Antiarrhythmic	1
Osteogenic	1
Antigallstone	1
Antithrombogenic	1
Respirastimulant	1
Anemiagenic	1
Interleukin-6-Inhibitor	1
DME-Inhibitor	1
Aphrodisiac	1
Antidote (Hypoglycin-A)	1
Antianorectic	1
Neuroinhibitor	1
Carcinogenic?	1
Anticarcinomic (Colon)	1

Activity	Chemical Count
Insulin-Sparing	1
Antihyperthyroid	1
Dentifrice	1
Antivertiginous	1
Antidiuretic	1
Transdermal	1
Natriuretic	1
Antipsittacotic	1
Candida-SAP-Inhibitor	1
Antishock	1
Phytoalexin	1
Adrenergic	1
iNOS-Inhibitor	1
Antiorchitic	1
Antihyperactivity	1
Cytoprotective	1
Topoisomerase-I-Antagonist	1
Antimanic	1
Hemorrhagic	1
Antiscotomic	1
Anticancer (Cervix)	1
Perfume	1
Abortifacient	1
Hypouricemic	1
Culicide	1
Termitifuge	1
Antialdosteronic	1



Activity	Chemical Count
Antipodriac	1
Antilymphocytic	1
Glucosyl-Transferase-Inhibitor	1
Bruchiphobe	1
Antiesherichic	1
P450-Inducer	1
Antineuritic	1
Antihemorrhagic	1
Copper-Chelator	1
Antitumor (Gastric)	1
Suppository	1
AntiAGE	1
Antiplasmodial	1
Antilipoperoxidant	1
Floral-Inhibitor	1
Beta-Glucuronidase-Inhibitor	1
Antiencephalopathic?	1
Vasomotor-Stimulant	1
Hypercholesterolemic	1
Antimyocarditic	1
Antigranular	1
CNS-Stimulant	1
Antitubercular	1
Antiacrodynic	1
Antiperoxidative	1
Antileishmanic	1
Antidysphagic	1

Activity	Chemical Count
Urine-Deodorant	1
Oviposition-Stimulant	1
Antimorphinic	1
Antigenotoxic	1
Reverse-Transcriptase-Inhibitor	1
Antiperiodic	1
Antiinflammatory?	1
Antidote (Paracetamol)	1
Ubiquiot	1
Antiapoplectic	1
Antiretardation	1
Antisunburn	1
Anticardiospasmic	1
Insulinotonic	1
Antipapillomic	1
Antiichthyotic	1
Antidote (Acetaminophen)	1
Antianemic	1
Nematistat	1
Antipsychotic	1
Candidistat	1
Antisindhis	1
Pituitary-Stimulant	1
Antihyperkeratotic	1
Decarboxylase-Inhibitor	1
Antivaricose	1
Antidermatotic	1

Activity	Chemical Count
Antiamblyopic	1
Myoprotective	1
Antiproteolytic	1
Antimeasles	1
Hemostatic	1
Anticancer (Esophagus)	1
Antiodontalgic	1
Thymoprotective	1
Antialkalotic	1
Calcium-Channel-Blocker	1
Hypolipidemic	1
Antinitrosaminic	1
Counterirritant	1
Antitumor (Kidney)	1
AntiCTS	1
Teratogenic	1
Lymphokinetic	1
Antilupus	1
Bronchorelaxant	1
Antiscorbutic	1
Collagenic	1
Antitumor (Breast)	1
Anticolic	1
Spermigenic	1
Antiadenomic	1
Lipotropic	1
Fibrinolytic	1

Activity	Chemical Count
Barbituate-Synergist	1
Varroacide	1
Antiatherogenic	1
Herbistat	1
AntiMS	1
Cicatrizant	1
AntiTNF	1
Antiinsomnic	1
Artemicide	1
Antidote (Strychnine)	1
Antiarachidonate	1
Antirheumatalgic	1
Antiflu	1
Cardiovascular	1
Antitartar	1
Anticarpal-Tunnel	1
Radioprotective	1
Androgenic?	1
Interferonogenic	1
Antiparotitic	1
Antiimpotence	1
Aphidifuge	1
Antidote (Cadmium)	1
Trypsin-Enhancer	1
Antiangiogenic	1
Neuroexcitant	1
Antimite	1

Activity	Chemical Count
Allelopathic	1
Demulcent	1
Antidiabetic?	1
Tranquilizer	1
AntiAmyloid-Beta	1
AntiMeniere's	1
Antifertility	1
Antishingles	1
Anticancer (Mouth)	1
Pheromonal	1
Adjuvant	1
Immunosuppressant	1
Antiophidic	1
Antihomocystinuric	1
Antitympanic	1
Antidepressant?	1
Mucolytic	1
Antimange	1
Hemolytic	1