

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in Ginkgo biloba**

Activity	Chemical Count
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	6
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	3
Absorbent	1
Acaricide	2
ACE-Inhibitor	10
Acetylcholinergic	1
Acidulant	3
Additive	1
Adjuvant	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	15
Allelochemic	4
Allelopathic	2
Allergenic	12
Alpha-Amylase-Inhibitor	1

Activity	Chemical Count
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analeptic	1
Analgesic	9
Ancylostomicide	1
Androgenic	1
Androgenic?	1
Anemiagenic	2
Anesthetic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Ankylostomacide	1
Anorectic?	1
Anorexic	2
Anthelmintic	3
Antiacetylcholinesterase	2
Antiacid	1
Antiacne	9
Antiacrodermatitic	1

Activity	Chemical Count
Antiacrodynamic	1
AntiADD	2
AntiAddisonian	1
Antiadenomic	1
Antiadhesive	1
Antiaflatoxin	4
AntiAGE	2
Antiaggregant	17
Antiaging	6
Antiakathisic	1
Antialcoholic	6
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergenic	1
Antiallergic	14
Antialopepic	5
Antialzheimeran	6
Antialzheimeran?	1
Antiamblyopic	1

Activity	Chemical Count
Antiamebic	1
Antianaphylactic	6
Antiandrogenic	4
Antianemic	3
Antianginal	2
Antiangiogenic	6
Antianorectic	2
Antianorexic	1
Antianoxic	1
Antianxiety	3
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	7
Antiarteriosclerotic	3
Antiarthritic	12
Antiasthmatic	11
Antiatherogenic	3
Antiatherosclerotic	13
Antibacillary	1

Activity	Chemical Count
Antibackache	1
Antibacterial	36
Antiberiberi	1
Antibiotic	4
AntiBPH	1
Antibradykinic	2
Antibronchitic	2
Anticalculic	1
Anticancer	10
Anticancer (Breast)	3
Anticancer (Cervix)	1
Anticancer (Liver)	1
Anticancer (Lung)	3
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	2
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticardiospasmic	1

Activity	Chemical Count
Anticaries	1
Anticariogenic	4
Anticarpal-Tunnel	1
Anticataract	12
Anticephalagic	4
Anticerebrotic	1
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholinesterase	1
Antichoreic	2
Anticirrhotic	2
Anticlastogen	3
Anticlaudificant?	1
Anticlimacteric	4
Anticoagulant	3
Anticoeliac	1
Anticold	2
Anticolitic	3

Activity	Chemical Count
Anticomplementary	4
Anticonvulsant	6
Anticorneotic	1
Anticoronary	5
AntiCrohn's	3
AntiCRP	1
AntiCTS	1
AntiCVI	2
Anticystinuric	1
Anticystitic	2
Anticytotoxic	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	7
Antidepressant	8
Antidepressant?	1
Antidermatic	1
Antidermatitic	5
Antidiabetic	17

Activity	Chemical Count
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	3
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	3
Antieczemic	5

Activity	Chemical Count
Antiedemic	11
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antiendotoxic	1
Antienterotic	1
Antiepileptic	5
Antierythemic	2
Antiescherichic	1
Antiestrogenic	4
Antiexudative	2
Antifatigue	8
Antifeedant	12
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrosarcomic	1
Antifibrotic	3

Activity	Chemical Count
Antifilarial	1
Antiflu	4
Antifuruncular	1
Antigallstone	1
Antigastric	2
Antigastritic	4
Antigastrotic	1
Antigiardial	1
Antigingivitic	3
Antiglaucomic	3
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	2
Antigonadotropic	1
Antigout	1
Antigranular	1
AntiGTF	1
Antihalitotic	1
Antihangover	5
Antiheartburn	1

Activity	Chemical Count
Antihematuric	1
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	4
Antihepatotic	1
Antihepatotoxic	9
Antiherpetic	11
Antiherpetic?	1
Antihiccup	1
Antihistaminic	14
AntiHIV	12
Antihomocysteine	1
Antihomocystinuric	1
AntiHSV-1	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperglycemic	1
Antihyperkeratotic	1

Activity	Chemical Count
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	12
Antihypoglycemic	1
Antihypoxic	2
Antiichthyotic	1
Antiilus?	1
Antiimplantation	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	30
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	2
Antiischemic	6
Antikeratitic	1
Antikeshan	1
Antiketotic	2
AntiLegionella	1

Activity	Chemical Count
Antileishmanic	2
Antileptic	3
Antilethargic	1
Antileukemic	13
Antileukonychic	1
Antileukoplakic	1
Antileukorrhic	1
Antileukotriene	3
Antileukotriene-D4	4
Antilipolytic	1
Antilipoperoxidant	5
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	5
Antimalarial	3
Antimanic	2
Antimastalgic	1

Activity	Chemical Count
Antimasticotoc	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	7
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	3
Antimetastatic	6
Antimigraine	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	21
Antimyalgic	1
Antimyocarditic	2
Antinauseant	1
Antinecrotic	1
Antinephritic	3
Antinephrolytic	1

Activity	Chemical Count
Antinephrotoxic	1
Antinesidioblastosic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	9
Antinyctalopic	2
Antiobesity	6
Antionychyotic	1
Antiophidic	4
Antiophthalmic	2
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8

Activity	Chemical Count
Antiotitic	2
Antiototic	1
Antioxidant	51
Antioxidant (LDL)	1
Antioxidant Synergist	3
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	7
Antiparotitic	1
Antipellagic	3
Antipeptic	1
Antiperiodontal	2
Antiperiodontic	3
Antiperiodontitic	3
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	9
Antipharyngitic	1

Activity	Chemical Count
Antiphenylketonuric	2
Antiphotohobic	2
Antipityriasic	1
Antiplatelet	7
Antiplasmodial	1
Antiplatelet	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	9
Antiprostaglandin	7
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	7

Activity	Chemical Count
Antiprotozoal	1
Antipruritic	1
Antipsoriac	2
Antipsychotic	1
Antipurpuric	2
Antipyretic	3
Antiradicular	19
AntiRaynaud's	3
Antirenitic	1
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	2
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	7
Antirheumatitic?	1
Antirhinitic	1
Antisalmonella	4
Antiscoliotic	1
Antiscorbutic	1

Activity	Chemical Count
Antiscotomic	1
Antiseborrheic	2
Antiseptic	19
Antiserotonin	1
Antishingles	1
Antishock	1
Antisickling	8
Antispare-Tire	1
Antispasmodic	20
Antispasmophilic	1
Antistaphylococcic	3
Antisteatotic	1
Antistomatitic	1
Antistreptococcic	3
Antistress	6
Antistroke	3
Antisunburn	1
Antisyncope	1
Antisyndrome-X	6
Antitachycardic	1

Activity	Chemical Count
Antithiamin	1
Antithrombic	1
Antithrombogenic	2
Antithrombotic	4
Antithyroid	2
Antithyrotoxic	1
Antitic	1
Antitinnitic	2
Antitrichinosic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	4
Antitumor	27
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	7
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	5
Antitumor (Gastric)	1

Activity	Chemical Count
Antitumor (Kidney)	1
Antitumor (Lung)	7
Antitumor (Mouth)	1
Antitumor (Ovary)	2
Antitumor (Pancreas)	1
Antitumor (Prostate)	2
Antitumor (Skin)	4
Antitumor (Stomach)	2
Antitumor (Thyroid)	1
Antitumor-Promoter	7
Antitumor-Promoter?	1
Antitussive	3
Antiulcer	19
Antiulcerogenic	1
Antiuremic	1
AntiUTI	1
Antivaginitic	2
Antivaricose	2
Antivertigo	1
Antiviral	23

Activity	Chemical Count
Antiviral?	1
Antivertiliginic	1
Antixerophthalmic	1
Antixerotic	1
Antiyeast	1
Anxiolytic	8
AP-1-Inhibitor	1
Aphicide?	1
Aphidifuge	1
Aphrodisiac	1
Apoptotic	11
Aromatase-Inhibitor	4
Artemicide	2
Ascaricide	1
Asthma-preventive	1
Astringent	2
Ataxigenic	1
Atherogenic	1
ATPase-Inhibitor	1
Bactericide	1

Activity	Chemical Count
Bacteristat	2
Beta-Adrenergic Receptor Blocker	5
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	4
Bradycardiac	1
Bronchodilator	4
Bruchifuge	2
Bruchiphobe	2
Calcium-Antagonist	4
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	5
Cancer-Preventive	40
Candidicide	6
Capillarigenic	1
Capillariprotective	4
Capillaritonic	1
Carcinogenic	7
Cardiodepressant	1

Activity	Chemical Count
Cardiomyopathogenic	1
Cardioprotective	13
Cardiotonic	4
Cardiotoxic	1
Cardiovascular	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	2
Cerebrotonic	1
Chelator	1
Chemopreventive	5
Choleretic	12
Choline-Sparing	1
Cholinergic	1
Circulotonic	1
CNS-Depressant	3
CNS-Inhibitor	2
Cold-preventive	1
Collagenase-Inhibitor	1
Collagenic	3

Activity	Chemical Count
Collyrium	1
Colorant	7
Comedolytic	1
COMP-Inhibitor	3
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
Corrosive	1
Cosmetic	3
Counterirritant	2
COX-1-Inhibitor	4
COX-2-Inhibitor	6
Culicide	1
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	8
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytoprotective	1

Activity	Chemical Count
Cytotoxic	7
Deiodinase-Inhibitor	3
Demulcent	1
Dentifrice	1
Deodorant	3
Depressant	1
Dermatitigenic	6
Detoxicant	3
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic	1
Diaphoretic?	3
Differentiator	3
Disinfectant	1
Diuretic	16
DNA-Protective	1
Dye	3
Elastase-Inhibitor	1
Emetic	2
Emollient	1

Activity	Chemical Count
Energizer	1
Enterorelaxant	1
Enterotoxic	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogenic	6
Estrogenic?	1
Expectorant	5
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	2
FLavor	14
Fungicide	15
Fungistat	2
Fungitoxic	1
Gastroirritant	1
Gastroprotective	1

Activity	Chemical Count
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Glutathionergic	1
Glutathionigenic	1
Gonadotrophic	1
Gram(+)-icide	2
Gram(-)-icide	2
Hemolytic	1
Hemopoietic	1
Hemostat	5
Hepatomagenic	2
Hepatoprotective	16
Hepatotonic	1
Hepatotoxic	2
Herbicide	1
HIF-1alpha-Inhibitor	1
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	5
Hypercholesterolemic	4
Hyperglycemic	1

Activity	Chemical Count
Hypertensive	1
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	21
Hypoglycemic	12
Hypolipidemic	2
Hypotensive	17
Hypouricemic	1
ICAM-1-Inhibitor	3
IKK-Inhibitor	2
Ileorelaxant	2
Immunomodulator	10
Immunostimulant	10
Immunosuppressant	4
Inflammatory	1
iNOS-Inhibitor	4
Inotropic	3
Insecticide	2
Insectifuge	8

Activity	Chemical Count
Insectiphile	3
Insulinase-Inhibitor	1
Insulinogenic	5
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	3
Irritant	10
JNK-Inhibitor	1
Juvabional	2
Keratitigenic	1
Keratolytic	1
Larvicide	1
Larvostat	3
Laxative	7
Laxative?	2
Leptingenic	1
Lipolytic	1
Lipotropic	2

Activity	Chemical Count
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	10
Lithogenic	2
Litholytic	2
Lubricant	3
Lymphocytogenic	1
MAO-A-Inhibitor	2
MAO-Inhibitor	5
MAPK-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	2
Memory-Enhancer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
Metastatic	1
MMP-9-Inhibitor	2
Molluscicide	5
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	2

Activity	Chemical Count
Musculotropic	1
Mutagenic	7
Mycobactericide	2
Myoprotective	1
Myorelaxant	5
NADH-Oxidase-Inhibitor	2
Natriuretic	2
Nematicide	6
Nematistat	1
Neoplastic	1
NEP-Inhibitor	2
Nephrotoxic	1
Neuroexcitant	1
Neurogenic	1
Neuroinhibitor	2
Neuroprotective	9
Neurotoxic	2
Neurotransmitter	2
NF-kB-Inhibitor	5
NO-Genic	1

Activity	Chemical Count
NO-Inhibitor	5
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Odontolytic	1
Ophthalmic-Antialkali	1
Ornithine-Decarboxylase-Inhibitor	5
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	2
Oxidase-Inhibitor	1
P21-Inducer	1
P450-1A-Inducer	1
P450-2B-Inducer	1
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	4
Pancreatogenic	1
Paralytic	1

Activity	Chemical Count
Parasympathomimetic	1
Percutaneostimulant	2
Perfume	1
Perfumery	7
Peroxynitrite-Scavenger	1
Pesticide	53
PGE2-Inhibitor	1
Phagocytotic	3
Phosphodiesterase-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	2
Pituitary-Stimulant	1
PKC-Inhibitor	2
Plasmodicide	2
Polyamine-Synthesis-Inhibitor	2
Poultice	1
Preservative	2
Previtamin-A	2
Progestational	1
Prolactinogenic	1

Activity	Chemical Count
Proliferant	2
Prooxidant	3
Propepic	6
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	2
Protein-Kinase-C-Inhibitor	4
Protisticide	6
Psychotropic	1
PTK-Inhibitor	3
Purgative	1
Quinone-Reductase-Inducer	7
Radioprotective	2
Refrigerant	1
Retinoprotectant Optometry	1
Reverse-Transcriptase-Inhibitor	1
Roborant	1
Rubefacient	1
Schistosomicide	1

Activity	Chemical Count
Schizophrenigenic	1
Secretagogue	2
Sedative	8
Serotonergic	2
Sialogogue	1
Soap	2
Spermicide	2
Spermigenic	2
Sprout-Inhibitor	1
Succinoxidase-Inhibitor	1
Sunscreen	3
Suppository	1
Sweetener	3
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	5
Topoisomerase-I-Inhibitor	6
Topoisomerase-II-Inhibitor	6
Toxic	1

Activity	Chemical Count
Tracheorelaxant	1
Tranquilizer	3
Tremorigenic	2
Trichomonicide	4
Triglycerigenic	1
Triglycerolytic	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	6
Tyrosine-Kinase-Inhibitor	2
Ubiquiot	8
Ulcerogenic	2
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urinary-Antiseptic	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotrophic	2

Activity	Chemical Count
Varroacide	1
Vasoconstrictor	2
Vasodilator	18
Vasopressor	2
Vasorelaxant	1
VEGF-Inhibitor	4
Vermicide	1
Verrucolytic	1
Vesicant	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	9