

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Gossypium sp

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Abortifacient	2
ACE-Inhibitor	4
Acidulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	11
Allelochemic	6
Allelopathic	2
Allergenic	7
Alpha-Reductase-Inhibitor	1
Amebicide	1
Analgesic	8
Anaphrodisiac	1
Androgenic	2
Anemiagenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	1
Anthelmintic	1
Antiacetylcholinesterase	1
Antiacne	5
Antiacrodynamic	1
Antiadenomic	1
Antiaflatoxin	2

Activity	Chemical Count
Antiaggregant	6
Antiaging	1
Antialcoholic	2
Antiallergic	5
Antialopepic	5
Antialzheimeran	4
Antialzheimeran?	1
Antiamblyopic	1
Antiamebic	1
Antianaphylactic	2
Antiandrogenic	4
Antianemic	2
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiartherosclerotic	1
Antiarthritic	5
Antiasthmatic	3
Antiatherogenic	1
Antiatherosclerotic	3
Antiautistic	1
Antibackache	1
Antibacterial	18
Antiberiberi	1
Antibiotic	1

Activity	Chemical Count
Anticancer	5
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	1
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticaries	1
Anticariogenic	4
Anticarpal-Tunnel	2
Anticataract	5
Anticephalagic	2
Anticervicaldysplasic	2
Anticheilitic	3
Antichilblain	1
Anticholinesterase	1
Antichoreic	1
Anticirrhotic	2
Anticlastogen	2
Anticlaudificant?	1
Anticolitic	2
Anticomplementary	1
Anticonvulsant	4
Anticoronary	1
AntiCorpus-Luteum	1

Activity	Chemical Count
AntiCrohn's	1
AntiCVI	1
Anticystinuric	1
Anticystitic	1
Antidandruff	1
Antidecubitic	2
Antideliriant	1
Antidementia	4
Antidepressant	4
Antidermatitic	7
Antidermatitic?	1
Antidermatotic	1
Antidiabetic	6
Antidiabetic?	1
Antidiarrheic	1
Antidote (Hydrazine)	1
Antidysenteric	1
Antidyskinetic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	2
Antiedemic	5
Antielastase	2
Antiemetic	1
Antiencephalitic	2
Antiencephalopathic	1
Antiendotoxic	2

Activity	Chemical Count
Antiepileptic	2
Antierythemic	1
Antiescherichic	1
Antiestrogenic	3
Antifatigue	2
Antifeedant	9
Antifertility	4
Antifibrinolytic	2
Antifibrosarcomic	1
Antiflu	5
Antigastric	2
Antigastrisecretogogic	1
Antigastritic	2
Antigiardial	1
Antigingivitic	2
Antiglaucomic	1
Antiglossitic	3
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
AntiGTF	1
Antihangover	2
Antiheartburn	1
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1

Activity	Chemical Count
Antihepatotoxic	5
Antiherpetic	8
Antiherpetic?	1
Antihistaminic	6
AntiHIV	3
Antihomocysteine	1
Antihomocystinuric	2
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperkinetic	1
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	4
Antihyperventilation	1
Antiichthyosic	1
Antiigelus?	1
Antiimplantation	2
Antiinfertility	1
Antiinflammatory	13
Antiinflammatory?	1
Antiinsomniac?	1
Antiinsomnic	1
Antikeratitic	2
Antileishmanic	2
Antileukemic	5
Antileukorrhic	1

Activity	Chemical Count
Antileukotriene	1
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	1
Antilithic?	1
AntiLyme	3
Antilymphocytic	1
Antilymphomic	1
Antimalarial	3
Antimanic	1
Antimelanomic	2
AntiMeniere's	1
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	2
AntiMorning-Sickness	1
AntiMS	1
AntiMSG-Sensitivity	1
Antimutagenic	8
Antimyelotoxic	1
Antimyotrophic	1
Antimyocarditic	2
Antinephritic	3
Antineuralgic	4
Antineurasthenic	1
Antineuritic	2

Activity	Chemical Count
Antineuropathic	3
Antineuropathic?	1
Antinitrosaminic	3
Antinociceptive	6
Antiobesity	1
Antioncychomycotic	1
Antionychyotic	1
Antiophidic	2
Antiosteotic	1
Antioxaluric	1
Antioxidant	19
Antioxidant Synergist	1
Antipancreatic	1
Antiparkinsonian	3
Antipellagic	2
Antiperiodic	1
Antiperiodontal	2
Antiperiodontic	1
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	3
Antipharyngitic	1
Antiphotophobic	1
Antiplaque	4
Antiplasmodial	2
Antiplaquet	1

Activity	Chemical Count
AntiPMS	2
Antipneumonic	1
Antipodagric	1
Antipodriac	1
Antipolio	1
Antipoliomyelitic	1
Antipredatory	1
Antiprogestational	1
Antiprogestosterone	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	3
Antiprotozoal	1
Antipsoriac	2
Antipsychotic	1
Antipurpuric	1
Antipyretic	2
Antirabies	1
Antiradiation	1
Antiradicular	8
AntiRaynaud's	1
Antirenitic	1
Antireserpine	1
Antirheumatic	2

Activity	Chemical Count
Antirheumatic?	1
Antischizophrenic	1
Antisclerodermic	1
Antiscoliotic	1
Antiscotomic	1
Antiseborrheic	3
Antiseptic	5
Antiserotonin	1
Antisickling	1
Antispasmodic	9
Antispermatogetic	1
AntiSpina-Bifida	1
Antistaphylococcic	5
Antisteatotic	1
Antistomatitic	1
Antistreptococcic	3
Antisunburn	1
Antitestosterone	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	1
AntiTMJ	1
Antitrypanosomic	3
Antitumor	12
Antitumor (Bladder)	1
Antitumor (Breast)	2

Activity	Chemical Count
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	5
Antitympanic	1
Antiulcer	9
Antivaginitic	1
Antivaricose	1
Antivertigo	2
Antiviral	12
Antixerotic	1
Apoptotic	4
Aromatase-Inhibitor	1
Artemicide	1
Astringent	1
ATPase-Inhibitor	1
Avicide	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	2
Beta-Blocker	1
Bradycardiac	1
Bronchoconstrictor	1
Bruchiphobe	1
Calcium-Antagonist	1
Calmodulin-Antagonist	1

Activity	Chemical Count
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	18
Candidicide	4
Capillarigenic	1
Capillariprotective	2
Carcinogenic	5
Cardiodepressant	1
Cardioprotective	3
Cardiovascular	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	2
Cerebrotonic	1
Chelator	1
Chemopreventive	3
Choleretic	3
Cholesterolytic	1
Cholinergic	1
Circulotonic	1
Coagulant	1
Coleoptophile	1
Comedolytic	2
COMP-Inhibitor	2
COMT-Inhibitor	1
Contraceptive (Male)	1
Copper-Chelator	2
Cosmetic	2

Activity	Chemical Count
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Dermal	1
Dermatitigenic	2
Diaphoretic	1
Diaphoretic?	3
Differentiator	1
Diuretic	4
Dopaminergic	1
Emetic	1
Emmenagogue	1
Estrogenic	3
Estrogenic?	1
Ethanolytic	1
Euphoriant	1
Expectorant	4
Febrifuge	1
Fibrinolytic	1
Flatugenic	1
FLavor	10
Fungicide	12
Gastroprotective	2

Activity	Chemical Count
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hemostat	4
Hepatomagenic	2
Hepatoprotective	11
Hepatotoxic	2
Herbicide	1
HIV-RT-Inhibitor	2
Hypercholesterolemic	2
Hypocholesterolemic	10
Hypocholesterolemic?	1
Hypoglycemic	4
Hypokalemic	1
Hypolipidemic	3
Hypotensive	6
Hypothermic	1
Hypouricemic	1
ICAM-1-Inhibitor	1
Ileorelaxant	1
Immunomodulator	2
Immunostimulant	2
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	3

Activity	Chemical Count
Insectifuge	9
Insectiphile	5
Insulinogenic	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	6
JNK-Inhibitor	1
Juvabional	2
Keratolytic	2
Larvicide	3
Larvostat	2
Laxative	2
Libidolytic	1
Lipotropic	3
Lipoxygenase-Inhibitor	8
Lubricant	3
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	3
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mosquitocide	2
Mucogenic	1
Mutagenic	4

Activity	Chemical Count
Myoprotective	1
Myorelaxant	3
Myostimulant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	3
Nematistat	1
NEP-Inhibitor	1
Neuroprotective	4
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
Oxytocic	1
P450-2B1-Inhibitor	2
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	10
Peroxynitrite-Scavenger	1
Pesticide	29

Activity	Chemical Count
PGE2-Inhibitor	1
Pheromone	1
Phospholipase-Inhibitor	1
Pigment	2
Plasmodicide	1
Progesteronigenic	1
Proliferant	1
Prooxidant	2
Propecic	5
Prostaglandigenic	2
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Sedative	3
Serotoninergic	1
Soap	1
Spasmogenic	2
Spermicide	2
Stimulant	1
Succinic-Dehydrogenase-Inhibitor	1
Sunscreen	1
Suppository	1
Sweetener	1

Activity	Chemical Count
Teratogenic	1
Teratologic	2
Termitifuge	1
Thermogenic	1
Tineacide	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	5
Toxic	2
Tranquilizer	1
Transdermal	1
Tumorigenic	2
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Ulcerogenic	3
Uricosuric	1
Uterotrophic	1
Vasoactive	1
Vasoconstrictor	1
Vasodilator	5
Vasopressor	1
VEGF-Inhibitor	1
Xanthine-Oxidase-Inhibitor	6