

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Abelmoschus esculentus***

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	5
5-Lipoxygenase-Inhibitor	1
Absorbent	1
Acaricide	1
Acarifuge	1
ACE-Inhibitor	3
Acidulant	1
Adjuvant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	1
Allergenic	6
Alpha-Reductase-Inhibitor	1
Amebicide	1
Analgesic	5
Anaphrodisiac	1
Androgenic	1

Activity	Chemical Count
Anemiagenic	2
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anhydrotic	1
Anorexic	1
Antiacid	1
Antiacne	4
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	4
Antiaging	2
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1

Activity	Chemical Count
Antialkalotic	1
Antiallergenic	1
Antiallergic	6
Antialopecic	4
Antialzheimeran	6
Antiamblyopic	1
Antianaphylactic	3
Antiandrogenic	4
Antianemic	4
Antianginal	3
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarteriosclerotic	2
Antiarthritic	11
Antiasthmatic	4
Antiatheromic	1

Activity	Chemical Count
Antiatherosclerotic	7
Antibackache	1
Antibacterial	9
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	3
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	9
Anticephalagic	3
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	3

Activity	Chemical Count
Antichilblain	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1
Anticonvulsant	3
Anticoronary	3
AntiCorpus-Luteum	1
AntiCrohn's	3
AntiCRP	1
AntiCTS	1
Anticystitic	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	8
Antidepressant?	1

Activity	Chemical Count
Antidermatitic	3
Antidiabetic	10
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	5
Antiedemic	2

Activity	Chemical Count
Antielastase	1
Antiencephalitic	3
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	5
Antiescherichic	1
Antiestrogenic	3
Antifatigue	6
Antifeedant	3
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	2
Antifuruncular	1
Antigallstone	2

Activity	Chemical Count
Antigastric	1
Antigastritic	4
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	2
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
Antigrey	1
AntiGTF	1
Antihangover	4
Antiheartburn	1
Antihelicobacter	1
Antihemorrhagic	2
Antihepatitic	2
Antihepatotic	1
Antihepatotoxic	3
Antiherpetic	7
Antiherpetic?	1

Activity	Chemical Count
Antihistaminic	5
AntiHIV	3
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihypoglycemic	1
Antiilus?	1
Antiimplantation	1
Antiimpotence	2
Antiinfarctal	1
Antiinfective	1
Antiinfertility	4
Antiinflammatory	12
Antiinsomniac	4
Antiinsomniac?	1

Activity	Chemical Count
Antiinsomnic	1
Antiischemic	1
Antikeratitic	2
Antileishmanic	2
Antileptic	2
Antileukemic	2
Antileukonychic	1
Antileukotriene	1
Antileukotriene-D4	3
Antilipoperoxidant	1
Antilithic	4
AntiLyme	5
Antilymphomic	2
Antimaculitic	3
Antimalarial	2
Antimanic	1
Antimastalgic	1
Antimeasles	1
Antimelanomic	1
AntiMeniere's	1

Activity	Chemical Count
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	3
Antimigraine	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	6
Antimyelotoxic	1
Antimyocarditic	2
Antinephritic	1
Antinephrolytic	1
Antinesidioblastic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	4
Antineurotic	1
Antinitrosaminic	1

Activity	Chemical Count
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	5
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxidant	18
Antioxidant?	2
Antipancreatic	1
Antiparkinsonian	7
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	1

Activity	Chemical Count
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	1
Antiplateau	4
Antiplasmodial	2
AntiPMS	4
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	2
Antipolyneuritic	1
Antiprogestational	1
Antiprogestosterone	1
Antiprolactin	1
Antiproliferant	2
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	6
Antiprostatotic	1

Activity	Chemical Count
Antipruritic	2
Antipsoriac	1
Antipsychotic	2
Antipyretic	3
Antirabies	1
Antiradicular	3
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatic	5
Antirheumatitic?	1
Antirhinitic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	7
Antishingles	1
Antishock	1

Activity	Chemical Count
Antisickling	2
Antispare-Tire	1
Antispasmodic	6
Antispasmophilic	1
Antispermatogetic	1
AntiSpina-Bifida	1
Antistomatitic	2
Antistreptococcic	1
Antistress	3
Antistroke	3
Antisyndrome-X	4
Antitestosterone	1
Antithiamin	1
Antithrombic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	2
Antitumor	6
Antitumor (Bladder)	2

Activity	Chemical Count
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	3
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	3
Antitumor (Ovary)	1
Antitumor (Prostate)	2
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	2
Antitussive	1
Antiulcer	10
Antiuremic	1
Antiuricosuric	1
Antivertigo	1
Antiviral	7
Antiviral?	1
Antivertilgic	1
Anxiolytic	5

Activity	Chemical Count
Aphrodisiac	1
Apoptotic	4
Artemicide	2
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Avicide	1
Bacteristat	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchorelaxant	1
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	21
Candidicide	3

Activity	Chemical Count
Capillariprotective	1
Carcinogenic	4
Cardioprotective	8
Cardiotoxic	1
Caspase-3-Inducer	1
Caspase-8-Inducer	1
Catabolic	1
Chemopreventive	2
Choleretic	2
Circulotonic	2
CNS-Depressant	2
CNS-Paralytic	1
Cold-preventive	1
Collagenic	2
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Contraceptive (Male)	1
Copper-Antagonist	1

Activity	Chemical Count
Copper-Chelator	1
Cosmetic	2
COX-2-Inhibitor	1
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	3
Deiodinase-Inhibitor	1
Demulcent	2
Deodorant	1
Dermatitigenic	2
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Diuretic	6
Emetic	1
Emollient	1
Ergogenic	1
Essential	8
Estrogenic	4

Activity	Chemical Count
Expectorant	2
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	7
Fungicide	6
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	2
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hemostat	2
Hemostatic	1
Hepatomagenic	1
Hepatoprotective	5
Hepatotoxic	3
Herbicide	1
HIV-RT-Inhibitor	1

Activity	Chemical Count
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	2
Hypnotic	2
Hypoammonemic	1
Hypoarginanemic	1
Hypocalcemic	1
Hypocholesterolemic	17
Hypoglycemic	8
Hypokalemic	1
Hypolipidemic	2
Hypotensive	9
Hypouricemic	1
Immunomodulator	6
Immunostimulant	4
Immunosuppressant	1
iNOS-Inhibitor	1
Inotropic	1
Insectifuge	5
Insulinase-Inhibitor	1

Activity	Chemical Count
Insulinogenic	3
Insulinotonic	1
Interferonogenic	2
Irritant	4
Juvabional	1
Keratolytic	1
Larvicide	1
Larvostat	1
Laxative	4
Leptingenic	1
Libidolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	2
Lithogenic	1
Litholytic	1
Lubricant	3
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1

Activity	Chemical Count
Metastatic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Mucogenic	1
Mucolytic	1
Mucotropic	1
Mutagenic	2
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Narcotic	1
Natriuretic	1
Nematicide	4
Nematistat	1
NEP-Inhibitor	1
Neuroexcitant	1
Neuroinhibitor	1
Neurolytic	1
Neuroprotective	2
Neurotoxic	1
Neurotransmitter	1

Activity	Chemical Count
NF-kB-Inhibitor	3
NO-Genic	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Osteogenic	1
Ovulant	1
Oxidant	2
P450-2B1-Inhibitor	1
P450-Inducer	1
P450-Inhibitor	1
Paralytic	1
Parasiticide	1
Percutaneostimulant	2
Perfumery	4
Peristaltic	1
Pesticide	15
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Pigment	1

Activity	Chemical Count
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Poultice	1
Prolactinogenic	1
Proliferant	1
Prooxidant	1
Propepic	4
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	2
Prostatitigenic	1
Protein-Kinase-C-Inhibitor	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Renotoxic	1
Roborant	1
Rubefacient	1
Scabicide	1
Schizophrenigenic	1
Sclerosant	1

Activity	Chemical Count
Sedative	4
Serotoninerpic	2
Soap	2
Spermicide	2
Spermigenic	2
Suppository	1
Surfactant	1
Sweetener	1
Teratogenic	2
Teratologic	1
Testosteronigenic	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Toxic	2
Tranquilizer	2
Tremorigenic	1
Tremorilytic	1
Trichomonicide	2
Trypanocide	1

Activity	Chemical Count
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Ulcerogenic	2
Uricosuric	4
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Varroacide	1
Vasodilator	8
VEGF-Inhibitor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	2