

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Solanum melongena

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	6
Acaricide	1
Acarifuge	1
ACE-Inhibitor	1
Acidulant	1
Adjuvant	1
Adrenergic	1
Aggregant	1
Aldose-Reductase-Inhibitor	5
Allelochemic	5
Allelopathic	1
Allergenic	9
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analeptic	1
Analgesic	10
Androgenic	1
Androgenic?	1
Anemiagenic	2
Anesthetic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anthelmintic	1
Antiacid	1
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1

Activity	Chemical Count
AntiADD	1
Antiadenoviral	1
Antiadrenalinic	1
Antiadrenergic	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	7
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	5
Antialopepic	4
Antialzheimeran	5
Antiamblyopic	1
Antiamebic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	5
Antianginal	2
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1

Activity	Chemical Count
Antiarrhythmic	5
Antiarteriosclerotic	2
Antiarthritic	11
Antiasthmatic	7
Antiatherogenic	1
Antiatheromic	1
Antiatherosclerotic	6
Antibackache	1
Antibacterial	9
Antiberiberi	1
AntiBPH	1
Antibronchitic	1
Antibronchoconstrictor	1
Anticancer	4
Anticancer (Bladder)	1
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Esophagus)?	1
Anticancer (Forestomach)	2
Anticancer (Liver)	3
Anticancer (Prostate)	1
Anticancer (Skin)	3
Anticanker	3
Anticarcinogenic	3
Anticarcinomic	2
Anticardiospasmic	1

Activity	Chemical Count
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	7
Anticephalagic	4
Anticerebrotic	1
Anticervicaldysplasic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Anticholinergic	1
Anticholinesterase	3
Antichoreic	2
Anticirrhotic	2
Anticirrhotic?	1
Anticlaudificant?	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticonvulsant	3
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2
AntiCTS	1
Anticystinuric	1
Antidandruff	3
Antidecubitic	3

Activity	Chemical Count
Antideliriant	1
Antidementia	6
Antidepressant	11
Antidepressant?	1
Antidermatitic	2
Antidiabetic	11
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidote	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Manganese)	1
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidrepanocytic	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	3
Antidysmenorrheic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1

Activity	Chemical Count
Antieczemic	5
Antiedemic	3
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	6
Antiescherichic	2
Antiestrogenic	1
Antifatigue	7
Antifeedant	3
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1
Antigallstone	2
Antigastritic	4
Antigastrotic	1
Antigenotoxic	1
Antigiardial	1
Antigingivitic	2
Antiglaucomic	2

Activity	Chemical Count
Antiglossitic	2
Antiglycosuric	1
Antigonadotropic	2
Antigout	1
Antigranular	1
Antigrey	1
Antihangover	4
Antiheartburn	1
Antihemolytic	2
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	6
Antiherpetic	7
Antiherpetic?	1
Antihiccup	1
Antihistaminic	5
AntiHIV	5
Antihomocysteine	1
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	3
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2

Activity	Chemical Count
Antihypertensive	10
Antihyperthyroid	3
Antihypoglycemic	1
Antiichthyotic	1
Antielus?	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	13
Antiinsomniac	5
Antiinsomniac?	1
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1
Antilactobacillic	1
AntiLegionella	2
Antileptic	2
Antilethargic	1
Antileukemic	3
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	4
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	1
Antilisteria	1

Activity	Chemical Count
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphomic	1
Antimaculitic	4
Antimanic	3
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	3
Antimetastatic	4
Antimigraine	6
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	9
Antimutilation	1
Antimyalgic	1
Antimyelotoxic	1
Antimyocarditic	1
Antineoplastic	1
Antinephritic	2

Activity	Chemical Count
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	6
Antiophidic	2
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	8
Antiototic	1
Antioxidant	21
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	9
Antiparotitic	1
Antipellagic	3
Antiperiodontitic	4

Activity	Chemical Count
Antiperoxidant	2
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplateque	3
AntiPMS	5
Antipneumonic	1
Antipodriac	1
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	3
Antiprostatitic	6
Antiprostatotic	1
Antipruritic	2
Antipsoriac	1
Antipsychotic	3
Antipyretic	1
Antiradicular	9
AntiRaynaud's	3
Antirenitic	1
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1

Activity	Chemical Count
Antirheumatic	6
Antirheumatitic?	1
Antirhinitic	1
Antischizophrenic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	9
Antiserotonin	1
Antishingles	1
Antisickling	3
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	7
Antispasmophilic	1
Antispermatogetic	1
AntiSpina-Bifida	1
Antistaphylococcic	1
Antisteatotic	1
Antistomatitic	2
Antistress	5
Antistroke	2
Antisunburn	2
Antisyndrome-X	6
Antitachycardic	1
Antithiamin	1

Activity	Chemical Count
Antithrombic	1
Antithyroid	2
Antititic	1
Antitinnitic	2
Antitourette	1
Antitriglyceride	2
Antitumor	14
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	3
Antitumor (Lung)	3
Antitumor (Prostate)	4
Antitumor (Skin)	3
Antitumor (Stomach)	1
Antitumor-Promoter	5
Antitussive	2
Antiulcer	11
Antiulcerogenic	2
Antiuremic	1
Antivaccinia	1

Activity	Chemical Count
Antivaginitic	1
Antivertigo	1
Antiviral	8
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	8
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	3
Arteriodilator	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
Autotoxic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bronchorelaxant	1
Bronchosedative	1
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Cancer-Preventive	26
Candidicide	4
Carcinogenic	4

Activity	Chemical Count
Cardiac	1
Cardiodepressant	3
Cardiomyopathogenic	1
Cardioprotective	9
Cardiotonic	2
Cardiotoxic	1
Cardiovascular	2
Cerebrophilic	1
Cerebrotonic	1
Chelator	1
Chemopreventive	4
Cholagogue	4
Choleretic	7
Cholinergic	2
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	2
CNS-Inhibitor	1
CNS-Paralytic	1
CNS-Stimulant	2
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	2

Activity	Chemical Count
Comedogenic	1
Comedolytic	1
Contraceptive	2
Copper-Antagonist	1
Cosmetic	1
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	1
Cytoprotective	1
Cytotoxic	5
Deliriant	1
Demulcent	2
Deodorant	1
Depressant	1
Dermatitigenic	2
Detoxicant	1
Detoxicant (Alcohol)	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Embryotoxic	1
Emetic	1
Encephalopathic	1
Energizer	1
Epidermal-Stimulant	1
Ergogenic	1
Erythrocytogenic	1

Activity	Chemical Count
Erythrocytolytic	2
Essential	8
Estrogenic	1
Fatal	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	7
Fungicide	11
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
Hematopoietic	1
Hemolytic	3
Hemorrhagic	1
Hemostat	1
Hemostatic	1
Hepatocarcinogenic	1
Hepatomegalic	1
Hepatoprotective	12
Hepatotoxic	1
Hepatotropic	2
Herbicide	2
Herbistat	1
Histamine-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	2

Activity	Chemical Count
Hypertensive	5
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	15
Hypoglycemic	9
Hypolipidemic	2
Hypotensive	12
Hypouricemic	1
Ileorelaxant	1
Immunomodulator	7
Immunostimulant	9
Immunosuppressant	3
Insecticide	4
Insectifuge	8
Insectifuge?	1
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Irritant	4
Juvabional	1
Keratolytic	1
Larvostat	1
Laxative	4

Activity	Chemical Count
Leptingenic	1
Leukotriene-Inhibitor	2
Lipotropic	2
Lipoxygenase-Inhibitor	3
Lithogenic	2
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
Lymphocytogenic	1
MAO-Inhibitor	2
Membranolytic	1
Memorigenic	2
Memranolytic	2
Metal-Chelator	3
Metal-Chelator (Copper)	2
Metastatic	1
Molluscicide	2
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	1
Myorelaxant	2
Myostimulant	2
Narcotic	1
Natriuretic	1
Nematicide	2

Activity	Chemical Count
Nephrotoxic	3
Neuroexcitant	1
Neuroinhibitor	2
Neuroprotective	1
Neurotoxic	3
Neurotransmitter	2
NF-kB-Inhibitor	2
NO-Genic	2
NO-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	5
Osmoregulator	1
Osteogenic	1
Oviposition-Stimulant	1
Oxidant	2
Parasiticide	1
Parasympathomimetic	1
Percutaneostimulant	2
Perfumery	4
Peristaltic	1
Pesticide	33
Phagocytotic	2
Phytoalexin	3
Phytohormonal	1
Pigment	2
Pituitary-Stimulant	1
Polyamine-Synthesis-Inhibitor	1
Preservative	2

Activity	Chemical Count
Prolactinogenic	1
Prooxidant	6
Propepic	6
Prostaglandigenic	2
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1
Psychotropic	1
Renotoxic	1
Respirastimulant	1
Roborant	1
Rodenticide	1
Scabicide	1
Schizophrenigenic	1
Secretagogue	1
Sedative	5
Serotoninergic	2
Soap	2
Spasmogenic	2
Spermigenic	2
Sunscreen	3
Suppository	1
Sweetener	2
Sympathomimetic	1
Tachycardic	1
Teratogenic	3
Testosteronigenic	1

Activity	Chemical Count
Thymoprotective	1
Toxic	1
Tranquilizer	3
Tremorigenic	1
Trichomonicide	1
Triglycerigenic	1
Tumor-Promoter	1
Tumorigenic	1
Ubiquiot	1
Ulcerogenic	1
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	2
Varroacide	1
Vasoconstrictor	2
Vasodilator	8
Vasomotor-Stimulant	1
Vasopressor	2
VEGF-Inhibitor	1
Vertigenic	1
Vulnerary	6
Xanthine-Oxidase-Inhibitor	3