

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

Activity	Chemical Count
Pesticide	33
Cancer-Preventive	26
Antioxidant	21
Hypocholesterolemic	15
Antitumor	14
Antiinflammatory	13
Hypotensive	12
Hepatoprotective	12
Fungicide	11
Antidiabetic	11
Antiarthritic	11
Antidepressant	11
Antiulcer	11
Analgesic	10
Antihypertensive	10
Antibacterial	9
Hypoglycemic	9
Diuretic	9
Antiparkinsonian	9
Antiradicular	9
Antimutagenic	9
Antiseptic	9
Immunostimulant	9
Allergenic	9
Cardioprotective	9
Anxiolytic	8
Antiviral	8

Activity	Chemical Count
Insectifuge	8
Antiosteoporotic	8
Essential	8
Vasodilator	8
Antiasthmatic	7
Choleretic	7
Immunomodulator	7
Antispasmodic	7
FLavor	7
Antiacne	7
Anticataract	7
Antifatigue	7
Antiaggregant	7
Antiherpetic	7
Antiencephalopathic	7
Antidementia	6
Antisyndrome-X	6
5-Alpha-Reductase-Inhibitor	6
Antihepatotoxic	6
Propecic	6
Antimigraine	6
Antiprostaitic	6
Vulnerary	6
Antiobesity	6
Antiatherosclerotic	6
Antiepileptic	6
Antirheumatic	6

Activity	Chemical Count
Prooxidant	6
Antiinsomniac	5
Antiallergic	5
Aldose-Reductase-Inhibitor	5
Antianemic	5
Antialzheimeran	5
Sedative	5
Hypertensive	5
AntiHIV	5
Antiarrhythmic	5
Cytotoxic	5
Antistress	5
Antitumor-Promoter	5
Antieczemic	5
Allelochemic	5
Ornithine-Decarboxylase-Inhibitor	5
Antihistaminic	5
AntiPMS	5
Antimenopausal	5
Anticoronary	5
AntiLyme	5
Insecticide	4
Antimetastatic	4
Anticancer	4
Antimaculitic	4
Antigastritic	4
Calcium-Antagonist	4

Activity	Chemical Count
Antitumor (Colon)	4
Antiperiodontitic	4
Anticephalagic	4
Antihangover	4
Antiosteoarthritic	4
Anticlimacteric	4
Irritant	4
Anticervicaldysplastic	4
Carcinogenic	4
Perfumery	4
Antiaging	4
Cholagogue	4
Antiandrogenic	4
Antialopepic	4
Antiproliferant	4
Antialcoholic	4
Antitumor (Prostate)	4
Antilithic	4
Laxative	4
Antileukotriene-D4	4
Candidicide	4
Chemopreventive	4
Anticancer	3
Antiedemic	3
Metal-Chelator	3
Antitumor (Lung)	3
Lipoxygenase-Inhibitor	3

Activity	Chemical Count
Uricosuric	3
Antiplateque	3
Antileukotriene	3
Antianxiety	3
Angiotensin-Receptor-Blocker	3
Antipsychotic	3
Antidandruff	3
Antiprostaglandin	3
Anticancer (Liver)	3
Antihyperthyroid	3
Antitumor (Skin)	3
Antihypercholesterolemic	3
Antitumor (Breast)	3
Antifeedant	3
Anticholinesterase	3
Antineuralgic	3
Antileukemic	3
Nephrotoxic	3
Teratogenic	3
Immunosuppressant	3
Sunscreen	3
Anticancer (Skin)	3
Monoamine-Precursor	3
Antimenorrhagic	3
Xanthine-Oxidase-Inhibitor	3
Antinitrosaminic	3
Antitumor (Liver)	3

Activity	Chemical Count
Antidyskinetic	3
Antisickling	3
Anticheilitic	3
Antipellagic	3
Anticarcinogenic	3
Cardiodepressant	3
Antimanic	3
Anticonvulsant	3
Antineuropathic	3
Antifibrotic	3
Antidote (Lead)	3
Neurotoxic	3
Tranquilizer	3
Antidecubitic	3
Phytoalexin	3
Antiinfertility	3
Apoptotic	3
AntiCFS	3
Insulinogenic	3
AntiRaynaud's	3
Hemolytic	3
AntiMS	3
Antistroke	2
Pigment	2
Antipruritic	2
Mucogenic	2
Serotoninerpic	2

Activity	Chemical Count
Antitussive	2
Antimelanogenic	2
Vasopressor	2
Antiglaucomic	2
Antihyperkinetic	2
Antidysmenorrhic	2
Uterosedative	2
Anticolitic	2
Oxidant	2
CNS-Depressant	2
Antinephritic	2
Prostaglandigenic	2
Antileptic	2
Antiendometriotic	2
Anticarcinomic	2
Phagocytotic	2
Spasmogenic	2
Antiulcerogenic	2
Contraceptive	2
Antipoliomyelitic	2
Erythrocytolytic	2
Vasoconstrictor	2
Collagenic	2
Antitumor (Forestomach)	2
AntiAGE	2
Neurotransmitter	2
Herbicide	2

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	2
Antiphenylketonuric	2
Antiangiogenic	2
Myorelaxant	2
Antihemolytic	2
Cardiotonic	2
Antiophidic	2
Anticancer (Colon)	2
Memranolytic	2
Antigingivitic	2
AntiCrohn's	2
Colorant	2
Antigallstone	2
Anticold	2
Lipotropic	2
Antifibrinolytic	2
Anticirrhotic	2
NO-Genic	2
Histamine-Inhibitor	2
CNS-Active	2
Antidote (Cadmium)	2
Dermatitigenic	2
Antiescherichic	2
Neuroinhibitor	2
Antithyroid	2
Antidiarrheic	2
AntiLegionella	2

Activity	Chemical Count
Antihepatic	2
Antisunburn	2
Antioxidant?	2
Demulcent	2
Sweetener	2
Cardiovascular	2
Antiimpotence	2
COX-2-Inhibitor	2
Soap	2
Anticancer (Fore stomach)	2
Metal-Chelator (Copper)	2
Antimelanomic	2
Antiglossitic	2
Antinociceptive	2
Antipolio	2
MAO-Inhibitor	2
Collagen-Sparing	2
Lithogenic	2
Beta-Blocker	2
Hypercholesterolemic	2
Astringent	2
Hepatotropic	2
Cholinergic	2
Antitinnitic	2
Interferonogenic	2
Antiperoxidant	2
Nematicide	2

Activity	Chemical Count
Anorexic	2
Antidermatitic	2
Preservative	2
Antianginal	2
Spermigenic	2
Molluscicide	2
Antigonadotropic	2
Antistomatitic	2
Hypolipidemic	2
Anticancer (Cervix)	2
Memorigenic	2
Percutaneostimulant	2
Lubricant	2
CNS-Stimulant	2
Antitumor (Cervix)	2
Leukotriene-Inhibitor	2
Antichoreic	2
NF-kB-Inhibitor	2
Clastogenic	2
Antitriglyceride	2
Antidote (Aluminum)	2
Antiartherosclerotic	2
Antiphotophobic	2
Antianorectic	2
Myostimulant	2
Anemiagenic	2
Antianaphylactic	1

Activity	Chemical Count
Deliriant	1
Suppository	1
Antivaginitic	1
Amphiglycemic?	1
Antigranular	1
Cardiotoxic	1
Hypouricemic	1
Antiophthalmic	1
Antiieilus?	1
COX-1-Inhibitor	1
Antiprolactin	1
Anticancer (Esophagus)?	1
Fatal	1
Cardiac	1
AntiSpina-Bifida	1
AntiCTS	1
Peristaltic	1
Antiakathisic	1
Hypoarginanemic	1
Antinitrosic	1
Comedogenic	1
Lymphocytogenic	1
ACE-Inhibitor	1
Ergogenic	1
Antisilicotic	1
Antihyperactivity	1
Cold-preventive	1

Activity	Chemical Count
Antidote (Paraquat)	1
Schizophrenogenic	1
Embryotoxic	1
Antilisteria	1
Antifibromyalgic	1
Beta-Adrenergic Receptor Blocker	1
Antiseborrheic	1
Anticirrhotic?	1
NO-Inhibitor	1
Antiadrenergic	1
Hydrocholerectic	1
Antineuritic	1
Antihiccup	1
Antitumor (Bladder)	1
Antidote (Hypoglycin-A)	1
Renotoxic	1
Larvostat	1
Detoxicant	1
Tumor-Promoter	1
Antiandrogenic	1
Asthma-preventive	1
Antirhinitic	1
Antichilblain	1
Neuroprotective	1
Antiacrodermatitic	1
Hepatotoxic	1
Antitic	1

Activity	Chemical Count
Antidiscotic	1
Interferon-Synergist	1
Toxic	1
Antiretardation	1
Natriuretic	1
Hemostat	1
Antimutilation	1
Antihepatoadenomic	1
Antidepressant?	1
Polyamine-Synthesis-Inhibitor	1
Insectifuge?	1
Antiozenic	1
Antiinsomnic	1
Sympathomimetic	1
Musculotropic	1
Glucosyl-Transferase-Inhibitor	1
Antimitotic	1
Cerebrophilic	1
Antiinfective	1
Cyclooxygenase-Inhibitor	1
Antiencephalitic	1
Metastatic	1
Allelopathic	1
Fistula-Preventive	1
AntiMeniere's	1
Vertigenic	1
Antiglycosuric	1

Activity	Chemical Count
Cardiomyopathogenic	1
Antisteatotic	1
Antialdosteronic	1
Antinyctalopic	1
Antidysphagic	1
Anticancer (Breast)	1
Membranolytic	1
Adjuvant	1
Antimastalgic	1
Antigenotoxic	1
Anticorneotic	1
Parasympathomimetic	1
Antineurotic	1
Antidysenteric	1
AntiBPH	1
Litholytic	1
Encephalopathic	1
Antilupus	1
Urine-Acidifier	1
Antiflu	1
Beta-Glucuronidase-Inhibitor	1
Antiserotonin	1
Osmoregulator	1
CNS-Paralytic	1
Antidote (Manganese)	1
Roborant	1
Antiatheromic	1

Activity	Chemical Count
Leptingenic	1
Antipneumonic	1
Antileukotrienogenic	1
Ubiquiot	1
Atherogenic	1
Antiscoliotic	1
AntiADD	1
Circulotonic	1
Antitourette	1
Antidote (Acetaminophen)	1
Deodorant	1
Tremorigenic	1
Antienterotic	1
Aphrodisiac	1
Antiretinotic	1
Anthelmintic	1
Hepatocarcinogenic	1
Antimyelotoxic	1
Antithiamin	1
Prolactinogenic	1
Insulinase-Inhibitor	1
Antikeshan	1
Antivitaligic	1
Anticariogenic	1
Androgenic?	1
Hematopoietic	1
Antimorphinic	1

Activity	Chemical Count
Chelator	1
Antideliriant	1
Phytohormonal	1
Antiamebic	1
Antiototic	1
Antivaccinia	1
Antiprostatotic	1
Alpha-Reductase-Inhibitor	1
Antigout	1
Antialkalotic	1
Antiichthyotic	1
Cosmetic	1
Antiporphyrin	1
Aggregant	1
Estrogenic	1
Antimeasles	1
Vasomotor-Stimulant	1
Antispermatogetic	1
Hypoammonemic	1
Antihyperkeratotic	1
Antibronchoconstrictor	1
Lyase-Inhibitor	1
Acarifuge	1
Epidermal-Stimulant	1
Antilymphomic	1
Uterorelaxant	1
Bronchosedative	1

Activity	Chemical Count
Oviposition-Stimulant	1
Antihomocystinuric	1
Co-carcinogenic	1
Antitumor (CNS)	1
Antidote (Paracetamol)	1
Scabicide	1
Antibackache	1
DNA-Protective	1
Antilipoperoxidant	1
Uricogenic	1
Bacteristat	1
Antiscotomic	1
Antiadrenalinic	1
Antineurasthenic	1
Antiherpetic?	1
Psychotropic	1
Keratolytic	1
Antipityriasic	1
Antileukoplakic	1
Triglycerigenic	1
Arteriodilator	1
Antirheumatic?	1
Antineoplastic	1
Antianorexic	1
Insulinotonic	1
Thymoprotective	1
Antiencephalopathic?	1

Activity	Chemical Count
Antiyeast	1
Antirenitic	1
Narcotic	1
Anesthetic	1
Hemorrhagic	1
Pituitary-Stimulant	1
Antiinsomniac?	1
Antivertigo	1
Antipsoriac	1
Mucolytic	1
Analeptic	1
Gastroprotective	1
Antigrey	1
Ileorelaxant	1
Antiorchitic	1
Antielastase	1
Fibrinolytic	1
VEGF-Inhibitor	1
Antistaphylococcic	1
Anticystinuric	1
Comedolytic	1
Antidyspeptic	1
Anticancer (Bladder)	1
Acidulant	1
Erythrocytogenic	1
Varroacide	1
Antigastrotic	1

Activity	Chemical Count
Calcium-Channel-Blocker	1
Antispasmodic	1
Parasiticide	1
Antihypertensive	1
Antitumor (Esophagus)?	1
Antidrepanocytic	1
Secretagogue	1
Antiberiberi	1
Emetic	1
Urinary-Acidulant	1
Anticlaudicant?	1
Antiaflatoxin	1
CNS-Inhibitor	1
Antitumor (brain)	1
Respirastimulant	1
Antiatherogenic	1
Detoxicant (Alcohol)	1
Tumorigenic	1
Antischizophrenic	1
Anticholinergic	1
Antiacrodynic	1
Antinephrolytic	1
Antidote	1
Prostaglandin-Sparer	1
Antiarabflavinotic	1
Antilethargic	1
Antienteric	1

Activity	Chemical Count
AP-1-Inhibitor	1
Antiretinopathic	1
Anticerebrotic	1
Hemostatic	1
Antimyalgic	1
Antihepatotic	1
Antitachycardic	1
Insulin-Sparing	1
Antipapillomic	1
Antikeratitic	1
Tachycardic	1
Antiviral?	1
Antipyretic	1
Anticardiospasmic	1
Mutagenic	1
Androgenic	1
Glutathionigenic	1
Antimitral-valve-prolapse	1
Antiheartburn	1
Cerebrotonic	1
Antiamblyopic	1
Cytoprotective	1
Antiuremic	1
Anticancer (Prostate)	1
Flatugenic	1
Antialkali?	1
Antihypoglycemic	1

Activity	Chemical Count
Copper-Antagonist	1
Antitumor (Stomach)	1
AntiEBV	1
Antipolyneuritic	1
Adrenergic	1
Antimastitic	1
Antigiardial	1
Antispasmophilic	1
AntiNF-kB	1
Antihyperglycemic	1
Collyrium	1
Antitumor (Gastric)	1
Antidysgeuzic	1
Antibronchitic	1
Acaricide	1
Energizer	1
Urine-Deodorant	1
Antifuruncular	1
Bronchorelaxant	1
Antishingles	1
Anticoeliac	1
Osteogenic	1
Hypnotic	1
Antihomocysteine	1
Antidote (Mercury)	1
Rodenticide	1
Antipodriac	1

Activity	Chemical Count
DNA-Active	1
Antilipolytic	1
Ulcerogenic	1
Antifertility	1
Autotoxic	1
Antiscorbutic	1
Antiadenoviral	1
Herbistat	1
Antineuramidase	1
Protein-Kinase-C-Inhibitor	1
Juvabional	1
Depressant	1
Antileukonychic	1
Trichomonicide	1
Neuroexcitant	1
Antiacid	1
Hepatomegalic	1
Antimyocarditic	1
Antithrombic	1
Antidiabetic?	1
Antiparotitic	1
Antilactobacillic	1
Testosteronigenic	1
Antixerophthalmic	1
Anticarpal-Tunnel	1
Antihemorrhagic	1