

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

<b>Activity</b>	<b>Chemical Count</b>
Roborant	1
Antiarabiflavinotic	1
Leptingenic	1
Antilethargic	1
Antienteritic	1
Ubiquiot	1
Atherogenic	1
Anticerebrotic	1
Antiscoliotic	1
Antimyalgic	1
Antihepatotic	1
CNS-Paralytic	1
Antidote	1
Antipapillomic	1
Antikeratitic	1
Deodorant	1
Tremorigenic	1
Aphrodisiac	1
Anticardiospasmic	1
Antiretinotic	1
Androgenic	1
Antimitral-valve-prolapse	1
Hepatocarcinogenic	1
Antiheartburn	1
Circulotonic	1
Antitourette	1
Antivittilgic	1

Activity	Chemical Count
Anticancer (Prostate)	1
Hematopoietic	1
Chelator	1
Antithiamin	1
Prolactinogenic	1
Antiamblyopic	1
Insulinase-Inhibitor	1
AntiEBV	1
Antivaccinia	1
Antiprostatotic	1
Adrenergic	1
Antimastitic	1
Antigiardial	1
Phytohormonal	1
Antialkali?	1
Antihypoglycemic	1
Cosmetic	1
Antidysgeuzic	1
Antibronchitic	1
Antiporphyrin	1
Acaricide	1
Estrogenic	1
Antifuruncular	1
Vasomotor-Stimulant	1
Anticoeliac	1
Antispermatic	1
AntiNF-kB	1

Activity	Chemical Count
Antihyperglycemic	1
Antidote (Mercury)	1
Antipodriac	1
Lyase-Inhibitor	1
Antilipolytic	1
Epidermal-Stimulant	1
Antifertility	1
Uterorelaxant	1
Bronchosedative	1
Oviposition-Stimulant	1
Antiadenoviral	1
Antineuramidase	1
Hypoammonemic	1
Antihomocysteine	1
Scabicide	1
Antileukonychic	1
DNA-Protective	1
Uricogenic	1
Bacteristat	1
Antiscotomic	1
Antiacid	1
Antimyocarditic	1
Co-carcinogenic	1
Antitumor (CNS)	1
Antiparotitic	1
Keratolytic	1
Antilactobacillic	1

Activity	Chemical Count
Triglycerigenic	1
Arteriodilator	1
Anticarpal-Tunnel	1
Antirheumatitic?	1
Antihemorrhagic	1
Antidiabetic?	1
Psychotropic	1
Thymoprotective	1
Antiyeast	1
Antirenitic	1
Narcotic	1
Amphiglycemic?	1
Hemorrhagic	1
Antigranular	1
Antianaphylactic	1
Insulinotonic	1
Antiellus?	1
Antivertigo	1
Anticancer (Esophagus)?	1
Antipsoriac	1
Mucolytic	1
Gastroprotective	1
AntiCTS	1
Pituitary-Stimulant	1
Antiophthalmic	1
ACE-Inhibitor	1
Fibrinolytic	1

Activity	Chemical Count
VEGF-Inhibitor	1
Antistaphylococcic	1
Antiakathisic	1
Antinitrosic	1
Ileorelaxant	1
Antidote (Paraquat)	1
Antilisteria	1
Erythrocytogenic	1
Antifibromyalgic	1
Varroacide	1
Calcium-Channel-Blocker	1
Anticirrhotic?	1
Antispare-Tire	1
Parasiticide	1
Antiadrenergic	1
Antineuritic	1
Antihyperactivity	1
Comedolytic	1
Antitumor (Esophagus)?	1
Secretagogue	1
Emetic	1
Antiostrogenic	1
Urinary-Acidulant	1
Antichilblain	1
Antiacrodermatitic	1
Antihiccup	1
Antidote (Hypoglycin-A)	1

Activity	Chemical Count
Detoxicant (Alcohol)	1
Tumorigenic	1
Antischizophrenic	1
Antimutilation	1
Antihepatoadenomic	1
CNS-Inhibitor	1
Antidiscotic	1
Antitumor (brain)	1
Respirastimulant	1
Antiozenic	1
Antiinsomnic	1
AP-1-Inhibitor	1
Antiretinopathic	1
Antimitotic	1
Hemostatic	1
Antidepressant?	1
Prostaglandin-Sparer	1
Antiinfective	1
Tachycardic	1
Antiencephalitic	1
Antiviral?	1
Antipyretic	1
Mutagenic	1
Allelopathic	1
AntiMeniere's	1
Glutathionigenic	1
Antiglycosuric	1

Activity	Chemical Count
Cerebrotonic	1
Antitachycardic	1
Insulin-Sparing	1
Cytoprotective	1
Antidysphagic	1
Antiuremic	1
Anticancer (Breast)	1
Adjuvant	1
Antimastalgic	1
Flatugenic	1
Antigenotoxic	1
Anticorneotic	1
Antialdosteronic	1
Antinyctalopic	1
Copper-Antagonist	1
Antidysenteric	1
Antitumor (Stomach)	1
AntiBPH	1
Antipolyneuritic	1
Antilupus	1
Antiflu	1
Antispasmophilic	1
Antineurotic	1
Antidote (Manganese)	1
Antitumor (Gastric)	1
Antiatheromic	1
Antipneumonic	1

Activity	Chemical Count
Antileukotrienogenic	1
Energizer	1
Urine-Deodorant	1
Bronchorelaxant	1
Antishingles	1
Osteogenic	1
AntiADD	1
Hypnotic	1
Collyrium	1
Rodenticide	1
DNA-Active	1
Antienterotic	1
Ulcerogenic	1
Autotoxic	1
Antiscorbutic	1
Anthelmintic	1
Antimyelotoxic	1
Herbistat	1
Antidote (Acetaminophen)	1
Juvabional	1
Antikeshan	1
Depressant	1
Trichomonicide	1
Anticariogenic	1
Neuroexcitant	1
Androgenic?	1
Antimorphinic	1



Activity	Chemical Count
Hepatomegalic	1
Protein-Kinase-C-Inhibitor	1
Testosteronigenic	1
Antixerophthalmic	1
Alpha-Reductase-Inhibitor	1
Antigout	1
Antideliriant	1
Antithrombic	1
Antiamebic	1
Antiototic	1
Antiichthyotic	1
Deliriant	1
Suppository	1
Antivaginitic	1
Aggregant	1
Antimeasles	1
Cardiotoxic	1
Antialkalotic	1
COX-1-Inhibitor	1
Antibronchoconstrictor	1
Antiprolactin	1
Acarifuge	1
Antilymphomic	1
Fatal	1
Cardiac	1
AntiSpina-Bifida	1
Peristaltic	1

Activity	Chemical Count
Hypouricemic	1
Antihyperkeratotic	1
Antidote (Paracetamol)	1
Antibackache	1
Lymphocytogenic	1
Antilipoperoxidant	1
Ergogenic	1
Antisilicotic	1
Antiadrenalinic	1
Antineurasthenic	1
Hypoarginanemic	1
Antihomocystinuric	1
Comedogenic	1
Schizophrenigenic	1
Antipityriasic	1
Antileukoplakic	1
Embryotoxic	1
Beta-Adrenergic Receptor Blocker	1
Antiseborrheic	1
NO-Inhibitor	1
Antineoplastic	1
Hydrocholerectic	1
Antiherpetic?	1
Cold-preventive	1
Antianorexic	1
Larvostat	1
Detoxicant	1

Activity	Chemical Count
Antiencephalopathic?	1
Tumor-Promoter	1
Asthma-preventive	1
Antirhinitic	1
Neuroprotective	1
Anesthetic	1
Hepatotoxic	1
Antitumor (Bladder)	1
Renotoxic	1
Interferon-Synergist	1
Antiinsomniac?	1
Toxic	1
Antiretardation	1
Natriuretic	1
Analeptic	1
Hemostat	1
Antigrey	1
Antitic	1
Sympathomimetic	1
Antielastase	1
Musculotropic	1
Glucosyl-Transferase-Inhibitor	1
Cerebrophilic	1
Anticystinuric	1
Polyamine-Synthesis-Inhibitor	1
Antiorchitic	1
Insectifuge?	1

Activity	Chemical Count
Cyclooxygenase-Inhibitor	1
Antidyspeptic	1
Anticancer (Bladder)	1
Metastatic	1
Acidulant	1
Fistula-Preventive	1
Antigastric	1
Vertigenic	1
Cardiomyopathogenic	1
Antisteatotic	1
Antidrepanocytic	1
Antiberiberi	1
Membranolytic	1
Anticlaudificant?	1
Parasympathomimetic	1
Antiaflatoxin	1
Antihyperammonemic	1
Antiatherogenic	1
Litholytic	1
Encephalopathic	1
Urine-Acidifier	1
Beta-Glucuronidase-Inhibitor	1
Anticholinergic	1
Antiserotonin	1
Osmoregulator	1
Antiacrodynic	1
Antinephrolytic	1

Activity	Chemical Count
Antiperoxidant	2
Neurotransmitter	2
Anorexic	2
Herbicide	2
Antidermatitic	2
Prostaglandin-Synthesis-Inhibitor	2
Antianginal	2
Myorelaxant	2
Antigonadotropic	2
Anticancer (Cervix)	2
Cardiotonic	2
Membranolytic	2
Antichoreic	2
Colorant	2
Antiartherosclerotic	2
Antiphotophobic	2
Lipotropic	2
NO-Genic	2
Histamine-Inhibitor	2
Antidote (Aluminum)	2
Dermatitigenic	2
Neuroinhibitor	2
Anemiagenic	2
CNS-Active	2
Antianorectic	2
Antithyroid	2
Demulcent	2

Activity	Chemical Count
Sweetener	2
Antimelanogenic	2
Antiglaucomic	2
Cardiovascular	2
Antisunburn	2
COX-2-Inhibitor	2
Soap	2
Antidysmenorrheic	2
Metal-Chelator (Copper)	2
Anticolitic	2
Antihyperkinetic	2
Antipolio	2
MAO-Inhibitor	2
Lithogenic	2
Beta-Blocker	2
Antinephritic	2
Hypercholesterolemic	2
Collagen-Sparing	2
Antileptic	2
Antiendometriotic	2
Astringent	2
Hepatotropic	2
Interferonogenic	2
Anticarcinomic	2
Nematicide	2
Cholinergic	2
Antitinnitic	2

Activity	Chemical Count
Preservative	2
Spermigenic	2
Molluscicide	2
Antistomatitic	2
Memorigenic	2
Percutaneostimulant	2
AntiAGE	2
Hypolipidemic	2
Lubricant	2
Antiphenylketonuric	2
Leukotriene-Inhibitor	2
NF-kB-Inhibitor	2
CNS-Stimulant	2
Antitumor (Cervix)	2
Antihemolytic	2
Clastogenic	2
Antitriglyceride	2
Antiangiogenic	2
Myostimulant	2
Anticancer (Colon)	2
Antipruritic	2
Mucogenic	2
Antigingivitic	2
AntiCrohn's	2
Antistroke	2
Pigment	2
Antiophidic	2

Activity	Chemical Count
Serotoninergetic	2
Antitussive	2
Antigallstone	2
Vasopressor	2
Anticold	2
Antifibrinolytic	2
Uterosedative	2
Anticirrhotic	2
Oxidant	2
Antiescherichic	2
Antidote (Cadmium)	2
AntiLegionella	2
Antihepatitic	2
CNS-Depressant	2
Antidiarrheic	2
Prostaglandigenic	2
Antioxidant?	2
Antiimpotence	2
Anticancer (Forestomach)	2
Antimelanomic	2
Antiglossitic	2
Spasmogenic	2
Antiulcerogenic	2
Phagocytotic	2
Antinociceptive	2
Antipoliomyelitic	2
Erythrocytolytic	2



Activity	Chemical Count
Vasoconstrictor	2
Contraceptive	2
Antitumor (Forestomach)	2
Collagenic	2
Antitumor (Breast)	3
Nephrotoxic	3
Antiinfertility	3
Teratogenic	3
Antidecubitic	3
Sunscreen	3
Monoamine-Precursor	3
Xanthine-Oxidase-Inhibitor	3
Immunosuppressant	3
Antitumor (Liver)	3
Antisickling	3
AntiCFS	3
AntiMS	3
Anticancer	3
Antiedemic	3
Cardiodepressant	3
Antiplaque	3
Antileukotriene	3
Antianxiety	3
Neurotoxic	3
Angiotensin-Receptor-Blocker	3
Tranquilizer	3
Anticancer (Liver)	3

Activity	Chemical Count
Antidandruff	3
Phytoalexin	3
Antihyperthyroid	3
Antihypercholesterolemic	3
Antifeedant	3
Anticholinesterase	3
Antineuralgic	3
Antileukemic	3
Apoptotic	3
Anticancer (Skin)	3
AntiRaynaud's	3
Antimenorrhagic	3
Hemolytic	3
Insulinogenic	3
Antidyskinetic	3
Metal-Chelator	3
Antinitrosaminic	3
Antitumor (Lung)	3
Lipoxygenase-Inhibitor	3
Uricosuric	3
Anticheilitic	3
Antipellagic	3
Anticarcinogenic	3
Antipsychotic	3
Antiprostaglandin	3
Antimanic	3
Anticonvulsant	3

Activity	Chemical Count
Antitumor (Skin)	3
Antifibrotic	3
Antineuropathic	3
Antidote (Lead)	3
Irritant	4
Carcinogenic	4
Perfumery	4
Antimetastatic	4
Cholagogue	4
Anticancer	4
Antiproliferant	4
Antimaculitic	4
Antigastritic	4
Antitumor (Prostate)	4
Antiperiodontitic	4
Laxative	4
Anticephalagic	4
Antihangover	4
Antiosteoarthritic	4
Candidicide	4
Anticlimacteric	4
Anticervicaldysplastic	4
Chemopreventive	4
Insecticide	4
Antiaging	4
Calcium-Antagonist	4
Antitumor (Colon)	4

Activity	Chemical Count
Antiandrogenic	4
Antialopepic	4
Antialcoholic	4
Antilithic	4
Antileukotriene-D4	4
Antimenopausal	5
Cytotoxic	5
Anticoronary	5
Antistress	5
Antitumor-Promoter	5
AntiLyme	5
Antiinsomniac	5
Aldose-Reductase-Inhibitor	5
Antiallergic	5
Ornithine-Decarboxylase-Inhibitor	5
Antianemic	5
Antialzheimeran	5
AntiHIV	5
Antiarrhythmic	5
Antieczemic	5
Allelochemic	5
Sedative	5
AntiPMS	5
Hypertensive	5
Antihistaminic	5
Antiobesity	6
Antiatherosclerotic	6

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

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