

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Datura stramonium***

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Acaricide	1
Acetylcholinergic	1
Acidulant	4
Addictive	1
Additive	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	6
Allelochemic	4
Allelopathic	1
Allergenic	9
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amnesigenic	1
Analgesic	10
Anemiagenic	1

Activity	Chemical Count
Anesthetic	5
Angiotensin-Receptor-Blocker	1
Anhydrotic	2
Anorectic	1
ANS-Paralytic	1
ANS-Stimulant	1
Anthelmintic	1
Antiacne	1
Antiadenoviral	1
Antiadrenergic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	4
Antiaging	2
Antiallergic	3
Antialopepic	3
Antialzheimeran	1
Antianaphylactic	1
Antiandrogenic	3
Antianoxic	2

Activity	Chemical Count
Antiaphthic	1
Antiapoplectic	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	2
Antiasthmatic	4
Antiasthmatic?	1
Antiatherogenic	2
Antiatherosclerotic	6
Antibacterial	13
Antibradycardic	1
Antibronchoconstrictor	1
Anticalculic	1
Anticancer	3
Anticancer (Colon)	2
Anticancer (Foreestomach)	2
Anticancer (Liver)	2
Anticancer (Skin)	2
Anticapillary-Fragility	2
Anticarcinogenic	3

Activity	Chemical Count
Anticariogenic	1
Anticataract	2
Anticervicaldysplasic	1
AntiCFS	1
Anticholinergic	5
Anticlastogen	1
Anticlimacteric	1
Anticoagulant	1
Anticold	1
Anticonvulsant	2
Anticoronary	1
AntiCrohn's	1
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidecubitic	1
Antideliriant	1
Antidementia	2
Antidepressant	2
Antidermatitic	2

Activity	Chemical Count
Antidiabetic	3
Antidiarrheic	1
Antidote	1
Antidote (Aluminum)	1
Antidote (Anticholinesterase)	3
Antidote (Black Widow)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidote (Lobelia)	1
Antidote (Muscarine)	1
Antidote (Mushroom)	1
Antidote (Organophosphorus)	1
Antidote (Paraquat)	1
Antidote (Poison Gas)	1
Antidote (Tetrodotoxin)	2
Antidysenteric	2
Antidysmenorrheic	1
AntiEBV	1
Antieczemic	2
Antiedemic	6

Activity	Chemical Count
Antielastase	1
Antiemetic	3
Antiemphysemic	1
Antiencephalitic	1
Antiendometriotic	1
Antienuretic	1
Antierythemic	1
Antiescherichic	2
Antiestrogenic	2
Antifatigue	1
Antifeedant	5
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	1
Antiflu	1
Antifumitory	1
Antigallstone	1
Antigastritic	1
Antigenotoxic	1
Antigingivitic	1

Activity	Chemical Count
Antiglaucomic	2
Antigonadotropic	2
Antigranular	1
Antihangover	1
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatocarcinogenic	1
Antihepatotoxic	9
Antiherpetic	8
Antihiccup	1
Antihistaminic	6
AntiHIV	4
Antihypercholesterolemic	2
Antihypertensive	3
Antihyperthyroid	2
Antiinfertility	1

Activity	Chemical Count
Antiinflammatory	12
Antiiritic	1
Antiketotic	1
AntiLegionella	2
Antileishmanic	1
Antilepric	1
Antileukemic	2
Antileukorrhic	1
Antileukotriene	2
Antileukotriene-D4	2
Antileukotrienogenic	1
Antilipolytic	1
Antilithic	1
AntiLyme	1
Antimaculitic	1
Antimalarial	1
Antimanic	1
Antimeasles	3
Antimelanogenic	2
Antimelanomic	1

Activity	Chemical Count
AntiMeniere's	1
Antimenopausal	1
Antimenorrhagic	1
Antimetastatic	1
Antimigraine	1
Antimitotic	2
AntiMS	1
Antimuscarinic	3
Antimutagenic	10
Antineoplastic	1
Antinephritic	2
Antineuralgic	1
Antineuramidase	1
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	1
Antiobesity	1
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	1

Activity	Chemical Count
Antiosteoporotic	1
Antiotitic	1
Antioxidant	9
Antioxidant Synergist	3
Antiparkinsonian	4
Antiparotitic	1
Antiperiodontitic	1
Antiperistaltic	1
Antiperoxidant	3
Antiperspirant	1
Antipertussic	1
Antiplantar	1
Antiplatelet	1
Antipneumonic	1
Antipodriac	1
Antipolio	4
Antipoliomyelitic	1
Antiproliferant	3
Antiprostaglandin	3
Antiprostatitic	1

Activity	Chemical Count
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	2
Antiradicular	6
AntiRaynaud's	1
Antirenitic	1
Antiretinotic	1
Antirheumatic	1
Antirhinitic	1
Antisalmonella	1
Antiscorbutic	1
Antiseborrheic	2
Antiseptic	11
Antiserotonin	1
Antishingles	1
Antisialagogue	3
Antispasmodic	10
Antispermatorrheic	1

Activity	Chemical Count
Antistaphylococcic	3
Antistomatitic	1
Antistress	1
Antisunburn	3
Antisyncope	1
Antisyndrome-X	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	3
Antitrypanosomic	1
Antitubercular	2
Antitumor	9
Antitumor (Colon)	2
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	1
Antitumor (Skin)	3
Antitumor-Promoter	5

Activity	Chemical Count
Antiulcer	7
Antiulcerogenic	1
Antiuveitic	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	2
Antivertigo	3
Antivinous	1
Antiviral	10
Antixerotic	1
Anxiolytic	1
Apoptotic	3
Arteriodilator	1
Asthma-preventive	1
Astringent	1
Autotoxic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bronchodilator	3

Activity	Chemical Count
Bronchorelaxant	3
Bruchiphobe	2
Calcium-Antagonist	2
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	12
Candidicide	2
Capillariprotective	1
Carcinogenic	3
Cardiac	1
Cardiodepressant	2
Cardioprotective	2
Cardiotonic	1
Cardiovascular	1
Catabolic	1
Chelator	1
Chemopreventive	3
Cholagogue	4
Choleretic	8
Cholesterolytic	1
Cholinergic	1

Activity	Chemical Count
Clastogenic	2
CNS-Active	2
CNS-Depressant	7
CNS-Stimulant	4
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	1
Comedolytic	1
Corrosive	1
Cosmetic	2
Counterirritant	1
COX-2-Inhibitor	1
Cyclooxygenase-Inhibitor	1
Cyclopegic	1
Cytoprotective	2
Cytotoxic	3
Dermatitigenic	3
Detoxicant	1
Disinfectant	1

Activity	Chemical Count
Diuretic	4
DNA-Active	1
DNA-Protective	1
Dopaminigenic	1
Dye	1
Ectoparasiticide	1
Epinephrininergic	1
Estrogenic?	1
Expectorant	2
Fistula-Preventive	1
FLavor	8
Fungicide	8
Fungistat	1
Fungitoxic	1
Glucosyl-Transferase-Inhibitor	1
Hemolytic	1
Hemopoietic	1
Hemostat	2
Hepatocarcinogenic	1
Hepatomagenic	1

Activity	Chemical Count
Hepatoprotective	8
Hepatotonic	1
Hepatotoxic	1
Hepatotropic	2
Herbicide	3
Histamine-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	1
Hyperglycemic	2
Hyperkinetic	1
Hyperpyrexia	1
Hypertensive	2
Hypnotic	2
Hypocalcemic	1
Hypocholesterolemic	5
Hypoglycemic	3
Hypolipidemic	1
Hypotensive	4
Immunomodulator	3
Immunostimulant	4

Activity	Chemical Count
Immunosuppressant	1
Insecticide	3
Insectifuge	5
Insectiphile	1
Interferonogenic	2
Irritant	6
Juvabional	2
Keratitigenic	1
Keratolytic	1
Larvostat	2
Laxative?	2
Leukotriene-Inhibitor	2
Lipoxygenase-Inhibitor	6
Lithogenic	1
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
MAO-Inhibitor	2
Memory-Enhancer	1
Metal-Chelator	3

Activity	Chemical Count
Metastatic	1
Mucolytic	2
Mucotropic	1
Musculotropic	2
Mutagenic	2
Mycobactericide	2
Mydriatic	3
Myoprotective	1
Myorelaxant	4
Narcotic	1
Nematicide	2
Nematistat	1
Neoplastic	1
Neurolytic	1
Neurotoxic	2
NO-Genic	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	4
Osteolytic	1
Oviposition-Stimulant	2

Activity	Chemical Count
PAF-Inhibitor	1
Paralytic	1
Percutaneostimulant	1
Perfumery	8
Pesticide	19
Phagocytotic	1
Photoactive	1
Photophobigenic	2
Phytoalexin	1
Phytohormonal	1
Preanesthetic	1
Preservative	2
Prooxidant	1
Propepic	4
Prostaglandigenic	2
Prostaglandin-Synthesis-Inhibitor	1
Protisticide	2
Psychoactive	2
Psychotomimetic	1
Psychotropic	1

Activity	Chemical Count
Radioprotective	1
Refrigerant	1
Respiradepressant	1
Rubefacient	1
Sclerosant	1
Scolicide	1
Sedative	3
Serotoninerpic	1
Sialogogue	1
Soap	1
Spermicide	1
Sunscreen	6
Suppository	1
Surfactant	1
Sweetener	2
Tachycardic	2
Teratogenic	1
Topoisomerase-II-Inhibitor	1
Toxic	2
Tranquilizer	1

Activity	Chemical Count
Transdermal	1
Tremorilytic	1
Tumorigenic	2
Ulcerogenic	2
Uricosuric	1
Urinary-Acidulant	1
Uterosedative	2
UV-Screen	1
Vasodilator	3
Vasopressor	1
Verrucolytic	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	4