

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Cucumis melo

Activity	Chemical Count
Pesticide	25
Cancer-Preventive	22
Hypocholesterolemic	20
Antioxidant	19
Antiinflammatory	18
Antitumor	14
Hypotensive	14
Antibacterial	13
Antiarthritic	12
FLavor	11
Antimutagenic	10
Irritant	10
Antispasmodic	10
Immunomodulator	10
Antidiabetic	10
Vasodilator	9
Allergenic	9
Antiseptic	9
Insectifuge	9
Antiviral	9
Antirheumatic	9
Cardioprotective	9
Analgesic	9
Antiatherosclerotic	9
Antiradicular	8
Antiaggregant	8
Hepatoprotective	8

Activity	Chemical Count
Antiosteoporotic	8
Immunostimulant	8
Antiulcer	8
Fungicide	8
Antidepressant	8
Hypoglycemic	8
Anticataract	8
Anxiolytic	7
Antihepatotoxic	7
Antifatigue	7
Diuretic	7
Antihypertensive	7
Antiedemic	7
Antidementia	6
Laxative	6
Antiallergic	6
Anticancer	6
Antisyndrome-X	6
Candidicide	6
Antinociceptive	6
Perfumery	6
Antimigraine	6
Antiacne	6
Antiproliferant	5
Anticoronary	5
Antihistaminic	5
Antileukemic	5

Activity	Chemical Count
Nematicide	5
Antiarrhythmic	5
AntiLyme	5
Propecic	5
Antialzheimeran	5
Antimaculitic	5
Antiasthmatic	5
Cytotoxic	5
Sedative	5
Antiobesity	5
AntiPMS	5
Antiherpetic	5
Antialopepic	4
Antiepileptic	4
5-Alpha-Reductase-Inhibitor	4
Anticervicaldysplasic	4
Apoptotic	4
Antiperiodontitic	4
Antihangover	4
Ubiquiot	4
Aldose-Reductase-Inhibitor	4
Antiandrogenic	4
Antitumor (Lung)	4
Antiosteoarthritic	4
Antiaging	4
Antineuropathic	4
Antistress	4

Activity	Chemical Count
Antiinsomniac	4
Colorant	4
Myorelaxant	4
CNS-Depressant	4
Antialcoholic	4
Anticonvulsant	4
Choleretic	4
Anticlimacteric	4
Antitumor-Promoter	4
Antiparkinsonian	4
Antipyretic	4
Antimenopausal	4
Antianemic	4
Anticancer (Liver)	3
Antidecubitic	3
Uricosuric	3
Prostaglandigenic	3
Lubricant	3
Angiotensin-Receptor-Blocker	3
Antitumor (Prostate)	3
Calcium-Antagonist	3
Antimetastatic	3
Antiangiogenic	3
Antimalarial	3
Antilithic	3
Antieczemic	3
Anorexic	3

Activity	Chemical Count
Antistroke	3
Anticheilitic	3
Hypercholesterolemic	3
Ornithine-Decarboxylase-Inhibitor	3
Antifibrotic	3
Vulnerary	3
Antidermatitic	3
Estrogenic	3
Antidandruff	3
Antiophidic	3
Hypolipidemic	3
Hypertensive	3
Anticephalagic	3
Antianginal	3
Antiinfertility	3
Antiglaucomic	3
Insulinogenic	3
Antiprostaglandin	3
AntiRaynaud's	3
Chemopreventive	3
AntiHIV	3
Antiplateau	3
AntiCFS	3
Cosmetic	3
Anticancer	3
Nephrotoxic	3
Antimelanomic	3

Activity	Chemical Count
Antitumor (Breast)	3
Antiprostatic	3
Gastroprotective	3
Insectiphile	3
Prooxidant	3
Sunscreen	3
Antiperoxidant	3
Antidote (Lead)	3
COX-2-Inhibitor	3
Ulcerogenic	3
Antifeedant	2
Narcotic	2
Antigingivitic	2
Mutagenic	2
Antilymphomic	2
Circulotonic	2
Immunosuppressant	2
Antiulcerogenic	2
Antistomatitic	2
Androgenic	2
Cytoprotective	2
Antipellagic	2
NF-kB-Inhibitor	2
Antifibrinolytic	2
Tumorigenic	2
Anticancer (Skin)	2
Antiglossitic	2

Activity	Chemical Count
Collagenic	2
Antigastritic	2
Antitriglyceride	2
Antiendometriotic	2
Mucogenic	2
Anticolitic	2
Cholagogue	2
Antiatherogenic	2
Antineuralgic	2
Antitumor (Stomach)	2
Lipoxygenase-Inhibitor	2
Antihemorrhagic	2
Hepatotropic	2
Antidote (Cadmium)	2
COX-1-Inhibitor	2
AntiMeniere's	2
Hemostat	2
Antitumor (Cervix)	2
Tranquilizer	2
Arteriodilator	2
Antigibberellin	2
Antihyperthyroid	2
Antinitrosaminic	2
AntiAGE	2
Antithyroid	2
Antihyperglycemic	2
Antileukotriene-D4	2

Activity	Chemical Count
Antiphotophobic	2
Litholytic	2
Antileptic	2
Antistaphylococcic	2
AntiMS	2
Secretagogue	2
Antimenorrhagic	2
Antitumor (Colon)	2
Trichomonicide	2
Anticancer (Lung)	2
Astringent	2
Radioprotective	2
Anticancer (Cervix)	2
AntiCrohn's	2
Insecticide	2
Antihyperkinetic	2
Antiencephalopathic	2
Antipoliomyelitic	2
Anticold	2
Antitumor (Skin)	2
Carcinogenic	2
Antianorectic	2
Hepatotoxic	2
Antidote (Aluminum)	2
Tyrosinase-Inhibitor	2
Antipsychotic	2
Beta-Blocker	2

Activity	Chemical Count
Antiestrogenic	2
Artemicide	2
Antiretinotic	2
Antihypercholesterolemic	2
Metal-Chelator	2
Antileukotriene	2
Phagocytotic	2
Antisunburn	2
Antidysmenorrheic	2
Lithogenic	2
Antichilblain	2
PAF-Inhibitor	2
Anesthetic	2
Antianxiety	2
Antitumor (Liver)	2
Antiflu	2
Anticarcinogenic	2
Antiseborrheic	2
Xanthine-Oxidase-Inhibitor	2
Estrogenic?	1
Tremorilytic	1
Antiprotozoal	1
Asthma-preventive	1
Antimastitic	1
ACE-Inhibitor	1
Antirheumatic?	1
Glucogonogenic	1

Activity	Chemical Count
Cold-preventive	1
Pyrogenic	1
Antiorchitic	1
Insulinic	1
Antihypoglycemic	1
Energizer	1
Thymoprotective	1
Anticancer (Breast)	1
FPTase-Inhibitor	1
Antifuruncular	1
Antinitrosic	1
Antitic	1
Antihyperkeratotic	1
Antiencephalitic	1
DNA-Active	1
Surfactant	1
Antipodriac	1
Antivaricose	1
Mosquitocide	1
Antilipolytic	1
Anticoeliac	1
Catabolic	1
Polyamine-Synthesis-Inhibitor	1
Antineuritic	1
Antiacrodynic	1
Antitachycardic	1
Antidysphagic	1

Activity	Chemical Count
Dermatitigenic	1
Spermicide	1
Antipityriasic	1
Antiasthenic	1
Anticirrhotic?	1
Cardiotonic	1
Percutaneostimulant	1
Antinephritic	1
Hypnotic	1
Antihepatoadenomic	1
Antiapoplectic	1
Leukotriene-Inhibitor	1
Antikeratitic	1
Capillariprotective	1
Oviposition-Stimulant	1
Antispare-Tire	1
Histaminic	1
Antihematuric	1
Antidote (Paraquat)	1
Secretomotor	1
Anticardiospasmic	1
Antigranular	1
Antidiuretic	1
Copper-Antagonist	1
Scabicide	1
Antioxidant Synergist	1
Antitumor (Esophagus)?	1

Activity	Chemical Count
Larvicide	1
Febrifuge	1
Antipsoriac	1
Beta-Adrenergic Receptor Blocker	1
Antimelanogenic	1
Addictive	1
Antischizophrenic	1
Hematopoietic	1
VEGF-Inhibitor	1
Refrigerant	1
Antiamblyopic	1
Antitumor (brain)	1
Interferon-Synergist	1
Antielus?	1
Antiescherichic	1
Ergogenic	1
Topoisomerase-II-Inhibitor	1
Antiprostataadenomic	1
Anticancer (Colon)	1
Myoprotective	1
Abortifacient	1
Antiretinopathic	1
Fungistat	1
Uterorelaxant	1
AntiCTS	1
CNS-Active	1
Prostaglandin-Synthesis-Inhibitor	1

Activity	Chemical Count
Antinyctalopic	1
Antiakathisis	1
Antihyperlipoproteinaemic	1
DNA-Protective	1
Teratogenic	1
Antiporphyrin	1
AntiBPH	1
Previtamin-A	1
Antineurotic	1
Antiadenoviral	1
Antithrombic	1
Hypouricemic	1
Antihyperactivity	1
Detoxicant (Alcohol)	1
Stimulant	1
Antiplatelet	1
Antiuricosuric	1
Memorigenic	1
Antileukoplakic	1
Anticlaudificant?	1
Cardiovascular	1
AntiLegionella	1
Cardiac	1
P450-Inducer	1
Antimyelotoxic	1
Anemiagenic	1
Antispasmophilic	1

Activity	Chemical Count
Antidyskinetic	1
Deliriant	1
Serotoninerpic	1
Antianorexic	1
Antitumor (Gastric)	1
Antiinsomniac?	1
Anticarpal-Tunnel	1
cAMP-Phosphodiesterase-Inhibitor	1
Antimitotic	1
Alpha-Reductase-Inhibitor	1
Antishingles	1
Schizophrenigenic	1
Antipapillomic	1
Fistula-Preventive	1
Antipurpuric	1
Anticapillary-Fragility	1
Beta-Glucuronidase-Inhibitor	1
Neurolytic	1
Antiscotomic	1
Antigonadotrophic	1
Comedogenic	1
Respirastimulant	1
Antiototic	1
Antiinfarctal	1
Antiprostototic	1
Anticancer (Forestomach)	1
Myostimulant	1

Activity	Chemical Count
Antimastalgic	1
Acarifuge	1
Gastrostimulant	1
Varroacide	1
Co-carcinogenic	1
Protisticide	1
Antitubercular	1
Insulin-Sparing	1
Antienterotic	1
Encephalopathic	1
Testosteronigenic	1
Antiprolactin	1
Antixerophthalmic	1
Mucotropic	1
Anticorneotic	1
Cholinergic	1
Antielastase	1
Suppository	1
Antipneumonic	1
Antibackache	1
Antivaginitic	1
Metastatic	1
Anticoagulant	1
Caspase-8-Inducer	1
Phytoalexin	1
Antineurasthenic	1
Antiacrodermatitic	1

Activity	Chemical Count
Antiherpetic?	1
Antidyspeptic	1
Depressant	1
Spasmogenic	1
Anticirrhotic	1
Parasiticide	1
Antineoplastic	1
Angiogenic	1
Antihepatic	1
Antiaphthic	1
Leptogenic	1
Antiischemic	1
Osteogenic	1
Antisilicotic	1
Histamine-Inhibitor	1
Anthelminthic	1
Antidote (Mercury)	1
Cytochrome-P450-Inducer	1
Antiparotitic	1
Anticarcinomic	1
Bronchostimulant	1
Neurotransmitter	1
Allelopathic	1
Antisecretory	1
Hepatomagenic	1
Antigout	1
Antidiscotic	1

Activity	Chemical Count
Contraceptive	1
Rubefacient	1
Keratolytic	1
Antifertility	1
Expectorant	1
Antipruritic	1
Natriuretic	1
Antimeasles	1
Acidulant	1
Antirhinitic	1
Gonadotrophic	1
Vasopressor	1
Antideliriant	1
Collagen-Sparing	1
Antitumor (Bladder)	1
Antiichthyotic	1
Antierythemic	1
Epidermal-Stimulant	1
TOPO-2-Inhibitor	1
AP-1-Inhibitor	1
Mycobactericide	1
5-HT-Inhibitor	1
Urinary-Acidulant	1
Antigallstone	1
Clastogenic	1
Prostaglandin-Sparer	1
Antitinnitic	1

Activity	Chemical Count
DNA-Binder	1
Tachycardic	1
Antiberiberi	1
Antivertigo	1
Motor-Depressant	1
Antilipoperoxidant	1
Preservative	1
Antiadenomic	1
Antithiamin	1
Hypothermic	1
AntiEBV	1
Detoxicant	1
Spermigenic	1
Antiurethrotic	1
Lyase-Inhibitor	1
Antileukonychic	1
Anticlastogen	1
Cardiotoxic	1
Antinephrolytic	1
Anhydrotic	1
Hypocalcemic	1
Antihepatotic	1
Antiarabiflavinotic	1
Lipolytic	1
Antikeshan	1
Ovulant	1
Antimyalgic	1

Activity	Chemical Count
Androgenic?	1
Hydrocholerectic	1
Antihemolytic	1
Antidysgeuzic	1
Antipeptic	1
Antitumor (Forestomach)	1
Larvostat	1
Anticariogenic	1
Calcium-Channel-Blocker	1
Odontolytic	1
Alpha-Amylase-Inhibitor	1
Antiserotonin	1
Antigrey	1
Schistosomicide	1
Antiozenic	1
Antifibromyalgic	1
Fibrinolytic	1
Aldehyde-Oxidase-Inhibitor	1
Antiscorbatic	1
Hemolytic	1
Vitamin-A-Activity	1
Antiglycosuric	1
Respirapalytic	1
Antiosteoporotic?	1
Antianaphylactic	1
Interferonogenic	1
Antiimpotence	1

Activity	Chemical Count
Erythrocytogenic	1
Toxic	1
Anticancer (Esophagus)?	1
Antimanic	1
Acaricide	1
Uterosedative	1
Antigastrotic	1
AntiCVI	1
Protein-Kinase-C-Inhibitor	1
Antitrypanosomic	1
Antiendotoxic	1
Emetic	1
Termiticide	1
Antiprogestational	1
Anticalculic	1
Antiviral?	1
Mucolytic	1
Antilupus	1
AntiNF-kB	1
Antiadrenalinic	1
Antithrombogenic	1
Disinfectant	1
Antivaccinia	1
Carminative	1
Antineuramidase	1
Deodorant	1
Soap	1

Activity	Chemical Count
Antiarteriosclerotic	1
Antileishmanic	1
Cardiomyopathogenic	1
Antimyocarditic	1
AntiSpina-Bifida	1
Hyperglycemic	1
Antihemorrhoidal	1
Laxative?	1
Antiinsomnic	1
Osmoregulator	1
Antimitral-valve-prolapse	1
Amphiglycemic?	1
Antisickling	1
Herbicide	1
Antiheartburn	1
Sclerosant	1
Bronchoconstrictor	1
Neuroprotective	1
Allelochemic	1
Hepatocarcinogenic	1
Antigonadotropic	1
Comedolytic	1
Respirotoxic	1
Antioxalate	1
Antitumor (CNS)	1
Juvabional	1
Antiinfective	1