

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

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	2
Vulnerary	3
Vitamin-A-Activity	1
VEGF-Inhibitor	1
Vasopressor	1
Vasodilator	9
Varroacide	1
Uterosedative	1
Uterorelaxant	1
Urinary-Acidulant	1
Uricosuric	3
Ulcerogenic	3
Ubiquiot	4
Tyrosinase-Inhibitor	2
Tumorigenic	2
Trichomonicide	2
Tremorilytic	1
Tranquilizer	2
Toxic	1
Topoisomerase-II-Inhibitor	1
TOPO-2-Inhibitor	1
Thymoprotective	1
Testosteronigenic	1
Termiticide	1
Teratogenic	1
Tachycardic	1
Surfactant	1

Activity	Chemical Count
Suppository	1
Sunscreen	3
Stimulant	1
Spermigenic	1
Spermicide	1
Spasmogenic	1
Soap	1
Serotoninerpic	1
Sedative	5
Secretomotor	1
Secretagogue	2
Sclerosant	1
Schizophrenigenic	1
Schistosomicide	1
Scabicide	1
Rubefacient	1
Respirotoxic	1
Respirastimulant	1
Respirapalytic	1
Refrigerant	1
Radioprotective	2
Pyrogenic	1
Protisticide	1
Protein-Kinase-C-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandin-Sparer	1
Prostaglandigenic	3

Activity	Chemical Count
Propepic	5
Prooxidant	3
Previtamin-A	1
Preservative	1
Polyamine-Synthesis-Inhibitor	1
Phytoalexin	1
Phagocytotic	2
Pesticide	25
Perfumery	6
Percutaneostimulant	1
Parasiticide	1
PAF-Inhibitor	2
P450-Inducer	1
Ovulant	1
Oviposition-Stimulant	1
Osteogenic	1
Osmoregulator	1
Ornithine-Decarboxylase-Inhibitor	3
Odontolytic	1
NF-kB-Inhibitor	2
Neurotransmitter	1
Neuroprotective	1
Neurolytic	1
Nephrotoxic	3
Nematicide	5
Natriuretic	1
Narcotic	2

Activity	Chemical Count
Myostimulant	1
Myorelaxant	4
Myoprotective	1
Mycobactericide	1
Mutagenic	2
Mucotropic	1
Mucolytic	1
Mucogenic	2
Motor-Depressant	1
Mosquitocide	1
Metastatic	1
Metal-Chelator	2
Memorigenic	1
Lyase-Inhibitor	1
Lubricant	3
Litholytic	2
Lithogenic	2
Lipoxygenase-Inhibitor	2
Lipolytic	1
Leukotriene-Inhibitor	1
Leptingenic	1
Laxative?	1
Laxative	6
Larvostat	1
Larvicide	1
Keratolytic	1
Juvabional	1

Activity	Chemical Count
Irritant	10
Interferonogenic	1
Interferon-Synergist	1
Insulinogenic	3
Insulinic	1
Insulin-Sparing	1
Insectiphile	3
Insectifuge	9
Insecticide	2
Immunosuppressant	2
Immunostimulant	8
Immunomodulator	10
Hypouricemic	1
Hypothermic	1
Hypotensive	14
Hypolipidemic	3
Hypoglycemic	8
Hypocholesterolemic	20
Hypocalcemic	1
Hypnotic	1
Hypertensive	3
Hyperglycemic	1
Hypercholesterolemic	3
Hydrocholerectic	1
Histaminic	1
Histamine-Inhibitor	1
Herbicide	1

Activity	Chemical Count
Hepatotropic	2
Hepatotoxic	2
Hepatoprotective	8
Hepatomagenic	1
Hepatocarcinogenic	1
Hemostat	2
Hemolytic	1
Hematopoietic	1
Gonadotrophic	1
Glucogonogenic	1
Gastrostimulant	1
Gastroprotective	3
Fungistat	1
Fungicide	8
FPTase-Inhibitor	1
FLavor	11
Fistula-Preventive	1
Fibrinolytic	1
Febrifuge	1
Expectorant	1
Estrogenic?	1
Estrogenic	3
Erythrocytogenic	1
Ergogenic	1
Epidermal-Stimulant	1
Energizer	1
Encephalopathic	1

Activity	Chemical Count
Emetic	1
DNA-Protective	1
DNA-Binder	1
DNA-Active	1
Diuretic	7
Disinfectant	1
Detoxicant (Alcohol)	1
Detoxicant	1
Dermatitigenic	1
Depressant	1
Deodorant	1
Deliriant	1
Cytotoxic	5
Cytoprotective	2
Cytochrome-P450-Inducer	1
COX-2-Inhibitor	3
COX-1-Inhibitor	2
Cosmetic	3
Copper-Antagonist	1
Contraceptive	1
Comedolytic	1
Comedogenic	1
Colorant	4
Collagenic	2
Collagen-Sparing	1
Cold-preventive	1
Co-carcinogenic	1

Activity	Chemical Count
CNS-Depressant	4
CNS-Active	1
Clastogenic	1
Circulotonic	2
Cholinergic	1
Choleretic	4
Cholagogue	2
Chemopreventive	3
Catabolic	1
Caspase-8-Inducer	1
Carminative	1
Cardiovascular	1
Cardiotoxic	1
Cardiotonic	1
Cardioprotective	9
Cardiomyopathogenic	1
Cardiac	1
Carcinogenic	2
Capillariprotective	1
Candidicide	6
Cancer-Preventive	22
cAMP-Phosphodiesterase-Inhibitor	1
Calcium-Channel-Blocker	1
Calcium-Antagonist	3
Bronchostimulant	1
Bronchoconstrictor	1
Beta-Glucuronidase-Inhibitor	1

Activity	Chemical Count
Beta-Blocker	2
Beta-Adrenergic Receptor Blocker	1
Astringent	2
Asthma-preventive	1
Arteriodilator	2
Artemicide	2
Apoptotic	4
AP-1-Inhibitor	1
Anxiolytic	7
Antixerophthalmic	1
Antiviral?	1
Antiviral	9
Antivertigo	1
Antivaricose	1
Antivaginitic	1
Antivaccinia	1
Antiuricosuric	1
Antiurethrotic	1
Antiulcerogenic	2
Antiulcer	8
Antitumor-Promoter	4
Antitumor (Stomach)	2
Antitumor (Skin)	2
Antitumor (Prostate)	3
Antitumor (Lung)	4
Antitumor (Liver)	2
Antitumor (Gastric)	1

Activity	Chemical Count
Antitumor (Forestomach)	1
Antitumor (Esophagus)?	1
Antitumor (Colon)	2
Antitumor (CNS)	1
Antitumor (Cervix)	2
Antitumor (Breast)	3
Antitumor (brain)	1
Antitumor (Bladder)	1
Antitumor	14
Antitubercular	1
Antitrypanosomic	1
Antitriglyceride	2
Antitinnitic	1
Antitic	1
Antithyroid	2
Antithrombogenic	1
Antithrombic	1
Antithiamin	1
Antitachycardic	1
Antisyndrome-X	6
Antisunburn	2
Antistroke	3
Antistress	4
Antistomatitic	2
Antistaphylococcic	2
AntiSpina-Bifida	1
Antispasmophilic	1

Activity	Chemical Count
Antispasmodic	10
Antispare-Tire	1
Antisilicotic	1
Antisickling	1
Antishingles	1
Antiserotonin	1
Antiseptic	9
Antisecretory	1
Antiseborrheic	2
Antiscotomic	1
Antiscorbutic	1
Antischizophrenic	1
Antirhinitic	1
Antirheumatic?	1
Antirheumatic	9
Antiretinotic	2
Antiretinopathic	1
AntiRaynaud's	3
Antiradicular	8
Antipyretic	4
Antipurpuric	1
Antipsychotic	2
Antipsoriac	1
Antipruritic	1
Antiprotozoal	1
Antiprostatotic	1
Antiprostatic	3

Activity	Chemical Count
Antiprostataadenomic	1
Antiprostaglandin	3
Antiproliferant	5
Antiprolactin	1
Antiprogestational	1
Antiporphyrin	1
Antipoliomyelitic	2
Antipodriac	1
Antipneumonic	1
AntiPMS	5
Antiplatelet	1
Antiplatelet	3
Antipityriasis	1
Antiphotophobic	2
Antiperoxidant	3
Antiperiodontitic	4
Antipeptic	1
Antipellagic	2
Antiparotitic	1
Antiparkinsonian	4
Antipapillomic	1
Antiozenic	1
Antioxidant Synergist	1
Antioxidant	19
Antioxalate	1
Antiototic	1
Antiosteoporotic?	1

Activity	Chemical Count
Antiosteoporotic	8
Antiosteoarthritic	4
Antiorchitic	1
Antiophidic	3
Antiobesity	5
Antinyctalopic	1
Antinociceptive	6
Antinitrosic	1
Antinitrosaminic	2
AntiNF-kB	1
Antineurotic	1
Antineuropathic	4
Antineuritic	1
Antineurasthenic	1
Antineuramidase	1
Antineuralgic	2
Antinephrolytic	1
Antinephritic	1
Antineoplastic	1
Antimyocarditic	1
Antimyelotoxic	1
Antimyalgic	1
Antimutagenic	10
AntiMS	2
Antimitral-valve-prolapse	1
Antimitotic	1
Antimigraine	6

Activity	Chemical Count
Antimetastatic	3
Antimenorrhagic	2
Antimenopausal	4
AntiMeniere's	2
Antimelanomic	3
Antimelanogenic	1
Antimeasles	1
Antimastitic	1
Antimastalgic	1
Antimanic	1
Antimalarial	3
Antimaculitic	5
Antilymphomic	2
AntiLyme	5
Antilupus	1
Antilithic	3
Antilipoperoxidant	1
Antilipolytic	1
Antileukotriene-D4	2
Antileukotriene	2
Antileukoplakic	1
Antileukonychic	1
Antileukemic	5
Antileptic	2
Antileishmanic	1
AntiLegionella	1
Antikeshan	1

Activity	Chemical Count
Antikeratitic	1
Antiischemic	1
Antiinsomnic	1
Antiinsomniac?	1
Antiinsomniac	4
Antiinflammatory	18
Antiinfertility	3
Antiinfective	1
Antiinfarctal	1
Antiimpotence	1
Antielus?	1
Antiichthyotic	1
Antihypoglycemic	1
Antihyperthyroid	2
Antihypertensive	7
Antihyperlipoproteinaemic	1
Antihyperkinetic	2
Antihyperkeratotic	1
Antihyperglycemic	2
Antihypercholesterolemic	2
Antihyperactivity	1
AntiHIV	3
Antihistaminic	5
Antitherpetic?	1
Antitherpetic	5
Antihepatotoxic	7
Antihepatotic	1

Activity	Chemical Count
Antihepatoadenomic	1
Antihepatic	1
Antihemorrhoidal	1
Antihemorrhagic	2
Antihemolytic	1
Antihematuric	1
Antihelminthic	1
Antiheartburn	1
Antihangover	4
Antigrey	1
Antigranular	1
Antigout	1
Antigonadotropic	1
Antigonadotrophic	1
Antiglycosuric	1
Antiglossitic	2
Antiglaucomic	3
Antigingivitic	2
Antigibberellin	2
Antigastrotic	1
Antigastritic	2
Antigallstone	1
Antifuruncular	1
Antiflu	2
Antifibrotic	3
Antifibromyalgic	1
Antifibrinolytic	2

Activity	Chemical Count
Antifertility	1
Antifeedant	2
Antifatigue	7
Antiestrogenic	2
Antiescherichic	1
Antierhythmic	1
Antiepileptic	4
Antienterotic	1
Antiendotoxic	1
Antiendometriotic	2
Antiencephalopathic	2
Antiencephalitic	1
Antielastase	1
Antiedemic	7
Antieczemic	3
AntiEBV	1
Antidysphagic	1
Antidyspeptic	1
Antidysmenorrhic	2
Antidyskinetic	1
Antidysgeuzic	1
Antidote (Paraquat)	1
Antidote (Mercury)	1
Antidote (Lead)	3
Antidote (Cadmium)	2
Antidote (Aluminum)	2
Antidiuretic	1

Activity	Chemical Count
Antidiscotic	1
Antidiabetic	10
Antidermatitic	3
Antidepressant	8
Antidementia	6
Antideliriant	1
Antidecubitic	3
Antidandruff	3
AntiCVI	1
AntiCTS	1
AntiCrohn's	2
Anticoronary	5
Anticorneotic	1
Anticonvulsant	4
Anticolitic	2
Anticold	2
Anticoeliac	1
Anticoagulant	1
Anticlimacteric	4
Anticlaudificant?	1
Anticlastogen	1
Anticirrhotic?	1
Anticirrhotic	1
Antichilblain	2
Anticheilitic	3
AntiCFS	3
Anticervicaldysplasic	4

Activity	Chemical Count
Anticephalagic	3
Anticataract	8
Anticarpal-Tunnel	1
Anticariogenic	1
Anticardiospasmic	1
Anticarcinomic	1
Anticarcinogenic	2
Anticapillary-Fragility	1
Anticanker	3
Anticancer (Skin)	2
Anticancer (Lung)	2
Anticancer (Liver)	3
Anticancer (Forestomach)	1
Anticancer (Esophagus)?	1
Anticancer (Colon)	1
Anticancer (Cervix)	2
Anticancer (Breast)	1
Anticancer	6
Anticalculic	1
AntiBPH	1
Antiberiberi	1
Antibacterial	13
Antibackache	1
Antiatherosclerotic	9
Antiatherogenic	2
Antiasthmatic	5
Antiasthenic	1

Activity	Chemical Count
Antiarthritic	12
Antiarteriosclerotic	1
Antiarrhythmic	5
Antiarabiflavinotic	1
Antiapoplectic	1
Antiaphthic	1
Antianxiety	2
Antianorexic	1
Antianorectic	2
Antiangiogenic	3
Antianginal	3
Antianemic	4
Antiandrogenic	4
Antianaphylactic	1
Antiamblyopic	1
Antialzheimeran	5
Antialopepic	4
Antiallergic	6
Antialcoholic	4
Antiakathisic	1
Antiaging	4
Antiaggregant	8
AntiAGE	2
Antiadrenalinic	1
Antiadenoviral	1
Antiadenomic	1
Antiacrodynic	1

Activity	Chemical Count
Antiacrodermatitic	1
Antiacne	6
Anorexic	3
Anhydrotic	1
Angiotensin-Receptor-Blocker	3
Angiogenic	1
Anesthetic	2
Anemiagenic	1
Androgenic?	1
Androgenic	2
Analgesic	9
Amphiglycemic?	1
Alpha-Reductase-Inhibitor	1
Alpha-Amylase-Inhibitor	1
Allergenic	9
Allelopathic	1
Allelochemic	1
Aldose-Reductase-Inhibitor	4
Aldehyde-Oxidase-Inhibitor	1
Addictive	1
Acidulant	1
ACE-Inhibitor	1
Acarifuge	1
Acaricide	1
Abortifacient	1
5-HT-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4