

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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