

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Prunus domestica

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	5
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidifier	1
Acidulant	1
Additive	2
Adjuvant	1
Adrenergic	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	6
Allelochemic	3
Allelopathic	2
Allergenic	8
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	9
Androgenic	2
Androgenic?	1
Anemiagenic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3

Activity	Chemical Count
Anorexic	3
Anthelmintic	1
Antiacid	1
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiadrenalinic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	10
Antiaging	5
Antiakathisic	1
Antialcoholic	5
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	7
Antialopepic	4
Antialzheimeran	7
Antialzheimeran?	1
Antiamblyopic	1
Antiamebic	1
Antianaphylactic	2
Antiandrogenic	4

Activity	Chemical Count
Antianemic	4
Antianginal	3
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiarabiflavivotic	1
Antiarrhythmic	4
Antiarteriosclerotic	3
Antiartritic	13
Antiasthmatic	7
Antiataxic	1
Antiatherogenic	1
Antiatheromic	1
Antiatherosclerotic	11
Antibackache	1
Antibacterial	14
Antiberiberi	1
AntiBPH	1
Anticalculic	1
Anticancer	5
Anticancer (Breast)	2
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Esophagus)?	1
Anticancer (Forestomach)	2

Activity	Chemical Count
Anticancer (Liver)	2
Anticancer (Lung)	1
Anticancer (Skin)	2
Anticancer	3
Anticarcinogenic	3
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	9
Anticephalagic	3
Anticervicaldysplastic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Anticholinesterase	1
Anticirrhotic	2
Anticirrhotic?	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	4
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1

Activity	Chemical Count
Anticonvulsant	4
Anticorneotic	1
Anticoronary	5
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	11
Antidepressant?	1
Antidermatitic	3
Antidiabetic	13
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidote	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	1

Activity	Chemical Count
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	6
Antiedemic	4
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antiendotoxic	1
Antienteritic	1
Antienterotic	1
Antiepileptic	5
Antiescherichic	2
Antiestrogenic	3
Antifatigue	7
Antifeedant	4
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	2

Activity	Chemical Count
Antifuruncular	1
Antigallstone	2
Antigastric	2
Antigastrisecretogogic	1
Antigastritic	4
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	3
Antiglaucomic	2
Antiglossitic	2
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
Antigranular	1
Antigrey	1
AntiGTF	1
Antihangover	5
Antiheartburn	1
Antihemolytic	2
Antihemorrhagic	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	8
Antiherpetic	8
Antiherpetic?	1

Activity	Chemical Count
Antihiccup	1
Antihistaminic	7
AntiHIV	6
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	3
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihyperthyroid	3
Antihypoglycemic	1
Antiichthyotic	1
Antiilus?	1
Antiimplantation	1
Antiimpotence	2
Antiinfarctal	1
Antiinfective	1
Antiinfertility	4
Antiinflammatory	16
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1

Activity	Chemical Count
Antikeshan	1
Antiketotic	2
AntiLegionella	2
Antileishmanic	2
Antileptic	2
Antileukemic	7
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	3
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	5
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	6
Antimalarial	1
Antimanic	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4

Activity	Chemical Count
Antimenorrhagic	2
Antimetastatic	4
Antimigraine	4
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
Antimorphinistic	1
AntiMS	3
Antimutagenic	13
Antimyalgic	1
Antimyelotoxic	1
Antimyocarditic	2
Antinauseant	1
Antineoplastic	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	4
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	5
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	2

Activity	Chemical Count
Antiobesity	6
Antionychotic	1
Antiophidic	3
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiototic	1
Antioxidant	24
Antioxidant Synergist	4
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	7
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4
Antipharyngitic	1
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1

Activity	Chemical Count
Antiplateau	5
Antiplasmodial	1
AntiPMS	6
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antipredatory	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	5
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	6
Antiprostatotic	1
Antipruritic	1
Antipsoriac	3
Antipsychotic	2
Antipyretic	3
Antiradicular	11
AntiRaynaud's	3
Antirenitic	1
Antireserpine	1
Antiretardation	1

Activity	Chemical Count
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatic	6
Antirheumatic?	1
Antirhinitic	1
Antischizophrenic	1
Antisclerodermic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	4
Antiseptic	10
Antiserotonin	2
Antishingles	1
Antisickling	2
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	10
Antispasmophilic	1
AntiSpina-Bifida	1
Antisprue	1
Antistaphylococcic	2
Antistomatitic	2
Antistreptococcic	1
Antistress	4
Antistroke	3

Activity	Chemical Count
Antisunburn	2
Antisyndrome-X	6
Antithiamin	2
Antithrombic	2
Antithyroid	2
Antitic	1
Antitinnitic	1
AntiTourette's	1
Antitriglyceride	2
Antitrypanosomic	1
Antitubercular	2
Antitumor	13
Antitumor (Bladder)	2
Antitumor (brain)	1
Antitumor (Breast)	5
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	6
Antitumor (Ovary)	1
Antitumor (Prostate)	4
Antitumor (Skin)	4
Antitumor (Stomach)	2

Activity	Chemical Count
Antitumor-Promoter	7
Antitussive	3
Antiulcer	13
Antiulcerogenic	2
Antiuremic	1
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	10
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Anxiolytic	7
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	5
Aromatase-Inhibitor	2
Artemicide	1
Arteriodilator	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	2

Activity	Chemical Count
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bitter	1
Bradycardiac	1
Bronchoconstrictor	1
Bronchosedative	1
Bruchiphobe	2
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	29
Candidicide	5
Capillariprotective	1
Carcinogenic	5
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	11
Cardiotoxic	1
Cardiovascular	2
Caspase-8-Inducer	1
Catabolic	1
Chelator	1
Chemopreventive	5
Cholagogue	3
Choleretic	8

Activity	Chemical Count
Cholinergic	2
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	1
CNS-Stimulant	1
Co-carcinogenic	1
Coagulant	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	3
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
Cosmetic	2
COX-1-Inhibitor	2
COX-2-Inhibitor	5
Cyanogenic	1
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	4

Activity	Chemical Count
Deiodinase-Inhibitor	1
Deliriant	1
Demulcent	2
Deodorant	1
Depressant	1
Dermatitigenic	2
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	3
Differentiator	1
Disinfectant	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Dye	1
Emetic	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Essential	7
Estrogenic	4
Euphoriant	1
Expectorant	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1

Activity	Chemical Count
Flatugenic	1
FLavor	8
Fungicide	9
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	2
Glutathionigenic	1
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hemopoietic	1
Hemostat	3
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	11
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	2
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	4
Hyperglycemic	2
Hypertensive	4
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	15
Hypoglycemic	9

Activity	Chemical Count
Hypolipidemic	3
Hypotensive	9
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	8
Immunostimulant	8
Immunosuppressant	2
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	8
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	4
JNK-Inhibitor	1
Juvabional	2
Keratolytic	1
Larvostat	2
Laxative	5
Laxative?	2
Leptinogenic	1
Leukotriene-Inhibitor	2
Lipotropic	2
Lipoxygenase-Inhibitor	6

Activity	Chemical Count
Lithogenic	2
Litholytic	2
Lubricant	3
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	2
Mucogenic	2
Mucolytic	1
Mutagenic	2
Mycobactericide	2
Myorelaxant	2
Myostimulant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	2
Nematicide	3
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	3

Activity	Chemical Count
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	3
Neurotoxic	2
Neurotransmitter	2
NF-kB-Inhibitor	3
NO-Genic	2
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Oviposition-Stimulant	1
Oxidant	2
Oxytotic	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Parasiticide	1
Percutaneostimulant	2
Perfumery	4
Peristaltic	1
Pesticide	26
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Pigment	1

Activity	Chemical Count
Pituitary-Stimulant	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Preservative	2
Proliferant	1
Prooxidant	5
Propepic	4
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	2
Protisticide	1
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	4
Refrigerant	1
Respirastimulant	1
Retinoprotectant Optometry	1
Roborant	1
Rodenticide	1
Scabicide	1
Schizophrenigenic	1
Sedative	2
Sequestrant	1
Serotoninergic	1
Sialogogue	1
Soap	2

Activity	Chemical Count
Spermicide	1
Spermigenic	2
Succinic-Dehydrogenase-Inhibitor	1
Sunscreen	3
Suppository	1
Sweetener	3
Sympathomimetic	1
Teratogenic	1
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	2
Toxic	2
Tranquilizer	2
Tremorigenic	1
Trichomonicide	1
Triglycerigenic	1
Tumorigenic	2
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	1
Ubiquitot	4
Ulcerogenic	2
Uricogenic	1
Uricosuric	4
Urinary-Acidulant	1

Activity	Chemical Count
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
Vasoactive	1
Vasoconstrictor	2
Vasodilator	9
Vasomotor-Stimulant	1
Vasopressor	2
VEGF-Inhibitor	2
Vulnerary	6
Xanthine-Oxidase-Inhibitor	4