

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

Activity	Chemical Count
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	5
5-Lipoxygenase-Inhibitor	2
Absorbent	1
Acaricide	3
Acarifuge	1
ACE-Inhibitor	3
Acetylcholinergic	1
Acidulant	3
Addictive	1
Adjuvant	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	11
Allelochemic	2
Allelopathic	3
Allergenic	11
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	10
Androgenic	2
Androgenic?	1
Anemiagenic	2
Anesthetic	3
Angiogenic	1
Angiotensin-Receptor-Blocker	3

Activity	Chemical Count
Anhydrotic	1
Anorexic	3
Anthelmintic	1
Antiacetylcholinesterase	1
Antiacid	1
Antiacne	8
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiadrenalinic	1
Antiaflatoxin	3
AntiAGE	2
Antiaggregant	9
Antiaging	5
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergenic	1
Antiallergic	7
Antialopepic	4
Antialzheimeran	8
Antiamblyopic	1
Antiamnesic	1

Activity	Chemical Count
Anti-amyloid-beta	1
Antianaphylactic	2
Antiandrogenic	4
Antianemic	4
Antianginal	3
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiaphthous	1
Antiaraboflavonoid	1
Antiarrhythmic	6
Antiartherosclerotic	3
Antiarthritic	14
Antiasthmatic	8
Antiatherogenic	1
Antiatherosclerotic	11
Antibackache	1
Antibacterial	21
Antiberiberi	1
AntiBPH	1
Antibronchitic	1
Anticalculic	1
Anticancer	8
Anticancer (Bladder)	1
Anticancer (Breast)	4
Anticancer (Cervix)	2

Activity	Chemical Count
Anticancer (Colon)	3
Anticancer (Esophagus)?	1
Anticancer (Forestomach)	2
Anticancer (Liver)	2
Anticancer (Lung)	1
Anticancer (Prostate)	1
Anticancer (Skin)	2
Anticanker	3
Anticarcinogenic	3
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	3
Anticarpal-Tunnel	1
Anticataract	10
Anticephalagic	3
Anticervicaldysplasic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Anticholestatic	1
Anticirrhotic	1
Anticirrhotic?	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	4
Anticoagulant	1

Activity	Chemical Count
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplement	1
Anticomplementary	2
Anticonvulsant	3
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	12
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1

Activity	Chemical Count
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhoeic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	2
Antieczemic	5
Antiedemic	6
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antiescherichic	4
Antiestrogenic	4
Antifatigue	7
Antifeedant	4
Antifertility	3
Antifibrinolytic	2

Activity	Chemical Count
Antifibromyalgic	1
Antifibrosarcomic	2
Antifibrotic	4
Antiflu	3
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	3
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	4
Antiheartburn	1
Antihemolytic	2
Antihemorrhagic	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1

Activity	Chemical Count
Antihepatotoxic	12
Antiherpetic	11
Antiherpetic?	1
Antihiccup	1
Antihistaminic	8
AntiHIV	8
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	3
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	9
Antihyperthyroid	3
Antihypoglycemic	1
Antiichthyotic	1
Antielus?	1
Antiimplantation	1
Antiimpotence	2
Antiinfarctal	1
Antiinfective	1
Antiinfertility	4
Antiinflammatory	18
Antiinsomniac	4

Activity	Chemical Count
Antiinsomniac?	1
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	1
AntiLegionella	2
Antileishmanic	3
Antileptic	2
Antileukemic	10
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	3
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	6
Antimalarial	2
Antimanic	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1

Activity	Chemical Count
Antimelanogenic	2
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	2
Antimetastatic	4
Antimigraine	5
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	16
Antimyalgic	1
Antimyelotoxic	1
Antimyocarditic	2
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antinesidioblastotic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	4
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	5

Activity	Chemical Count
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	2
Antiobesity	5
Antiobesity?	1
Antiodontalgic	1
Antionychyotic	1
Antiophidic	4
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiotitic	1
Antiototic	1
Antioxidant	29
Antioxidant Synergist	1
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagic	3
Antipeptic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	4

Activity	Chemical Count
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	5
Antiperoxidative	1
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplateau	5
Antiplasmodial	2
AntiPMS	6
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	5
Antiproliferative	1
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	7
Antiprostatotic	1
Antipruritic	3

Activity	Chemical Count
Antipsoriac	2
Antipsychotic	3
Antipurpuric	1
Antipyretic	2
Antiradicular	13
AntiRaynaud's	3
Antirenitic	1
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatic	8
Antirheumatic?	1
Antirhinitic	1
Antisalmonella	1
Antischizophrenic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	2
Antiseptic	14
Antiserotonin	2
Antishingles	1
Antisickling	2
Antisilicotic	1
Antisindhis	1
Antispare-Tire	1

Activity	Chemical Count
Antispasmodic	14
Antispasmophilic	1
AntiSpina-Bifida	1
Antistaphylococcic	6
Antistomatitic	2
Antistreptococcic	1
Antistress	4
Antistroke	3
Antisunburn	2
Antisyncopic	1
Antisyndrome-X	6
AntiTGF-beta	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithromboxane	1
Antithyroid	2
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	1
Antitumor	19
Antitumor (Bladder)	3
Antitumor (brain)	2
Antitumor (Breast)	8
Antitumor (Cervix)	3

Activity	Chemical Count
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	6
Antitumor (Ovary)	2
Antitumor (Prostate)	4
Antitumor (Skin)	4
Antitumor (Stomach)	3
Antitumor-Promoter	9
Antitussive	2
Antiulcer	15
Antiulcerogenic	2
Antiuremic	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	1
Antivertigo	1
Antiviral	14
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Anxiolytic	7
AP-1-Inhibitor	1
Aphidifuge	1

Activity	Chemical Count
Aphrodisiac	1
Apoptotic	5
Aromatase-Inhibitor	3
Artemicide	2
Arteriodilator	1
Asthma-preventive	1
Astringent	3
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	2
Bitter	1
Bradycardiac	1
Bronchosedative	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	32
Candidicide	7
Capillariprotective	1
Carcinogenic	6
Cardiac	1
Cardiomyopathogenic	1

Activity	Chemical Count
Cardioprotective	12
Cardiotonic	3
Cardiotoxic	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	1
Chelator	1
Chemopreventive	5
Cholagogue	3
Choleretic	11
Cholinergic	1
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	5
CNS-Paralytic	1
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	4
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1

Activity	Chemical Count
Copper-Antagonist	1
Copper-Chelator	2
Corrosive	1
Cosmetic	1
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	5
Cyanogenic	2
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	5
Decarboxylase-Inhibitor	1
Deiodinase-Inhibitor	1
Deliriant	1
Demulcent	1
Deodorant	1
Depressant	1
Dermatitigenic	2
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	3
Differentiator	1
Disinfectant	1
Diuretic	11

Activity	Chemical Count
DNA-Active	1
DNA-Protective	1
Dye	1
Elastase-Inhibitor	1
Embryotoxic	1
Emetic	2
Emollient	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogenic	6
Expectorant	3
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	20
Fungicide	11
Fungistat	2
Fungitoxic	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	2
Glutathionigenic	1
Gonadotrophic	1

Activity	Chemical Count
Gram(+)icide	1
Gram(-)icide	1
Hematopoietic	1
Hemolytic	1
Hemostat	3
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	13
Hepatotonic	1
Hepatotoxic	2
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	2
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	3
Hypnotic	2
Hypoammonemic	1
Hypoarginanemic	1
Hypocalcemic	1
Hypocholesterolemic	17
Hypoglycemic	10
Hypolipidemic	3
Hypotensive	13

Activity	Chemical Count
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	9
Immunostimulant	10
Immunosuppressant	2
iNOS-Inhibitor	2
Inotropic	2
Insecticide	2
Insectifuge	8
Insectiphile	1
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	4
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	7
JNK-Inhibitor	1
Juvabional	2
Keratitigenic	1
Keratolytic	1
Larvostat	2
Laxative	5
Laxative?	1
Leptigenic	1
Leucocytogenic	1

Activity	Chemical Count
Leukotriene-Inhibitor	2
Lipotropic	1
Lipoxygenase-Inhibitor	8
Lithogenic	2
Litholytic	2
Lubricant	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Monoamine-Precursor	3
Motor-Depressant	1
Mucogenic	2
Mucolytic	2
Mucotropic	1
Mutagenic	2
Mycobactericide	1
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Narcotic	1

Activity	Chemical Count
Natriuretic	2
Nematicide	3
NEP-Inhibitor	1
Nephrotoxic	3
Neuroexcitant	1
Neuroinhibitor	1
Neurolytic	1
Neuroprotective	4
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	2
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	7
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	2
P450-Inducer	1
P450-Inhibitor	2
PAF-Inhibitor	1
Paralytic	1
Parasiticide	1
Percutaneostimulant	2

Activity	Chemical Count
Perfumery	8
Pesticide	32
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Piscicide	1
Pituitary-Stimulant	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Poultice	1
Preservative	3
Prolactinogenic	1
Proliferant	1
Prooxidant	5
Propecic	4
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	3
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	5
Refrigerant	1
Renotoxic	1

Activity	Chemical Count
Respirapalytic	1
Respirastimulant	1
Respirotoxic	1
Retinoprotectant Optometry	1
Reverse-Transcriptase-Inhibitor	1
Roborant	1
Rodenticide	1
Rubefacient	1
Scabicide	1
Schizophrenigenic	1
Sclerosant	1
Sedative	6
Serotonin-Inhibitor	1
Serotoninergetic	2
Soap	2
Sodium-Sparing	1
Spermicide	2
Spermigenic	2
Stimulant	1
Sunscreen	4
Suppository	1
Surfactant	1
Sweetener	2
Taenicide	1
Teratogenic	2
Teratologic	2
Termiticide	1

Activity	Chemical Count
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	3
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	2
Toxic	2
Tranquilizer	2
Tremorigenic	1
Tremorilytic	1
Trichomonicide	1
Triglycerigenic	1
Trypanocide	1
Trypsin-Enhancer	1
Tumor-Promoter	1
Tumorigenic	3
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Ulcerogenic	3
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	1

Activity	Chemical Count
Uterotrophic	2
Varroacide	2
Vasodilator	9
Vasomotor-Stimulant	1
Vasopressor	2
VEGF-Inhibitor	2
Verrucolytic	1
Vitamin-A-Activity	1
Vulnerary	5
Xanthine-Oxidase-Inhibitor	5