

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Arctostaphylos uva-ursi*

Activity	Chemical Count
Pesticide	41
Antioxidant	38
Antibacterial	31
Antiinflammatory	30
Cancer-Preventive	28
Antitumor	22
Antiviral	21
Antiseptic	20
Antimutagenic	20
Antiradicular	17
Hepatoprotective	15
Diuretic	15
Hypotensive	15
AntiHIV	14
Aldose-Reductase-Inhibitor	14
Analgesic	14
Cytotoxic	14
Antiulcer	14
Antihepatotoxic	13
Antiperoxidant	13
Immunostimulant	13
Antiedemic	12
Antileukemic	12
Hypoglycemic	11
Cardioprotective	11
Antidiabetic	10
Antiartritic	10

Activity	Chemical Count
Antiherpetic	10
Fungicide	10
Antispasmodic	10
Anticancer	9
Allergenic	9
Vasodilator	9
Antiatherosclerotic	9
Xanthine-Oxidase-Inhibitor	9
Apoptotic	9
Anticataract	9
Allelochemic	8
Immunomodulator	8
Cyclooxygenase-Inhibitor	8
Antiosteoporotic	8
Lipoxygenase-Inhibitor	8
Antitumor-Promoter	8
Choleretic	8
Antiarrhythmic	8
Hypocholesterolemic	8
Antiaggregant	8
Antirheumatic	8
Candidicide	8
Antitumor (Lung)	7
Antiasthmatic	7
Antidepressant	7
Antitumor (Breast)	7
Antimalarial	7

Activity	Chemical Count
Anticariogenic	7
Antifeedant	7
ACE-Inhibitor	7
Antihypertensive	7
Antinociceptive	7
COX-2-Inhibitor	7
Antifatigue	6
Antitumor (Colon)	6
Antiaging	6
Carcinogenic	6
Antisyndrome-X	6
Astringent	6
Ubiquit	6
Antiflu	6
Antiallergic	6
Anxiolytic	6
Antiplate	6
Laxative	6
Antinitrosaminic	6
Antialzheimeran	6
Ornithine-Decarboxylase-Inhibitor	6
Antiacne	6
Hemostat	6
Antihistaminic	6
Antiobesity	6
Insectifuge	5
Phagocytotic	5

Activity	Chemical Count
Antiplasmodial	5
Immunosuppressant	5
Antiphidic	5
Prostaglandigenic	5
Cardiotonic	5
Antigingivitic	5
Anticolitic	5
AntiLyme	5
Prostaglandin-Synthesis-Inhibitor	5
Antileukotriene	5
Irritant	5
AntiPMS	5
Prooxidant	5
Antiangiogenic	5
Anticarcinomic	5
Insulinogenic	5
Antipsoriac	5
Antitumor (Skin)	4
Vulnerary	4
Antistaphylococcic	4
FLavor	4
Chemopreventive	4
Antimenopausal	4
Tyrosinase-Inhibitor	4
Quinone-Reductase-Inducer	4
Anticlimacteric	4
Antiproliferant	4

Activity	Chemical Count
Antinephritic	4
Antiischemic	4
Antiepileptic	4
Sunscreen	4
Antihangover	4
Antimetastatic	4
Antialcoholic	4
Antimelanomic	4
NF-kB-Inhibitor	4
Antilithic	4
Antiprostaglandin	4
Antianaphylactic	4
Antidecubitic	4
Anticoronary	4
Antieczemic	4
Antiperiodontitic	4
Detoxicant	4
Calcium-Antagonist	4
Antidementia	4
Antileishmanic	4
Allelopathic	4
Beta-Blocker	4
Antielastase	4
Antiseborrheic	4
Antimaculitic	4
Antitussive	4
Antistress	4

Activity	Chemical Count
Antiescherichic	4
Antidandruff	4
Antimigraine	4
NO-Inhibitor	4
Antiperiodontic	3
Anticancer	3
Beta-Adrenergic Receptor Blocker	3
Antiinsomniac	3
AntiCrohn's	3
Sedative	3
Antilymphomic	3
Antipyretic	3
Anthelmintic	3
Neuroprotective	3
Antiprostatic	3
Glucosyl-Transferase-Inhibitor	3
CNS-Depressant	3
Antifertility	3
Antihepatic	3
Beta-Glucuronidase-Inhibitor	3
Antistreptococcic	3
Antipolio	3
Antiencephalitic	3
Hypolipidemic	3
Antitrypanosomic	3
Antithyroid	3
Hepatotoxic	3

Activity	Chemical Count
AntiRaynaud's	3
Antidermatotic	3
Antineuralgic	3
Antiparkinsonian	3
Antiestrogenic	3
Bacteristat	3
Cyclooxygenase-Activator	3
Metal-Chelator (Copper)	3
Herbicide	3
Anticlastogen	3
Antidote (Lead)	3
AntiCFS	3
Topoisomerase-II-Inhibitor	3
Antitumor (Stomach)	3
Gastroprotective	3
Antistomatitic	3
Antimelanogenic	3
Antifibrotic	3
Antilipoperoxidant	3
Keratolytic	3
Antidermatitic	3
Vasopressor	3
Anticancer (Colon)	3
AntiEBV	3
Capillarigenic	3
Anticervicaldysplasic	3
Angiotensin-Receptor-Blocker	3

Activity	Chemical Count
Topoisomerase-I-Inhibitor	3
Dermatitigenic	2
Mutagenic	2
AntiLegionella	2
Deiodinase-Inhibitor	2
Antimyocarditic	2
Antihemorrhagic	2
Antioxidant Synergist	2
Acaricide	2
Antisickling	2
Cardiotoxic	2
Antiglaucomic	2
Anticomplement	2
MAO-Inhibitor	2
Estrogenic	2
Antidysmenorrheic	2
COMP-Inhibitor	2
Emetic	2
Antifibrosarcomic	2
Anticheilitic	2
Laxative?	2
Juvabional	2
TNF-alpha-Inhibitor	2
Mycoplasmistat	2
Antianginal	2
Antileptic	2
Piscicide	2

Activity	Chemical Count
Antitumor (Ovary)	2
Anticarcinogenic	2
Insulin-Sparing	2
Anticancer (Cervix)	2
COX-1-Inhibitor	2
Aromatase-Inhibitor	2
Anticonvulsant	2
Antihyperthyroid	2
Antigastritic	2
Antirhinitic	2
Litholytic	2
Antiaflatoxin	2
Capillarifortificant	2
Antidysenteric	2
Antiphotophobic	2
Collagenic	2
Leucocytogenic	2
Antithiamin	2
Antidote (Aluminum)	2
Hemostatic	2
Anticephalagic	2
Diaphoretic?	2
Antistroke	2
Antianorectic	2
Co-carcinogenic	2
Antitumor (Prostate)	2
Fungistat	2

Activity	Chemical Count
VEGF-Inhibitor	2
Antiendometriotic	2
Abortifacient	2
Antimitotic	2
Antigonadotropic	2
Antiosteoarthritic	2
Secretagogue	2
MAO-A-Inhibitor	2
Tumorigenic	2
Antihyperlipidemic	2
Elastase-Inhibitor	2
Antifibromyalgic	2
Antiulcerogenic	2
Anorexic	2
Antidiarrheic	2
Nephrotoxic	2
Antianxiety	2
Preservative	2
Tissue-Thromboplastin-Inhibitor	2
Mycobactericide	2
Antianemic	2
Antipellagic	2
Pigment	2
Insectiphile	2
Antineoplastic	2
Cholagogue	2
Antipodriac	2

Activity	Chemical Count
AntiGTF	2
MMP-9-Inhibitor	2
Antitumor (brain)	2
Antimenorrhagic	2
Anticomplementary	2
Fatal	2
Tyrosine-Kinase-Inhibitor	2
Antitriglyceride	2
HIV-RT-Inhibitor	2
Antigastric	2
Anticoagulant	2
Antihyperglycemic	2
Antipharyngitic	2
Protein-Kinase-C-Inhibitor	2
Tranquilizer	2
AntiTGF-beta	2
Antineuropathic	2
TOPO-2-Inhibitor	2
Myorelaxant	2
Antiproliferative	2
Antipoliomyelitic	2
Mucogenic	2
Antiallergenic	2
Antiinfertility	2
Cathartic	2
Antitumor (Cervix)	2
Antiencephalopathic	2

Activity	Chemical Count
5-Lipoxygenase-Inhibitor	2
Antigonadotrophic	2
Artemicide	2
Metal-Chelator	2
Ulcerogenic	2
Antitubercular	2
Hypertensive	2
Reverse-Transcriptase-Inhibitor	2
Anticold	2
AntiAGE	2
Antihyperkinetic	2
Hepatotropic	2
cAMP-Phosphodiesterase-Inhibitor	2
Antithrombic	2
Antidote (Cadmium)	2
Antifibrinolytic	2
Larvostat	2
Antisunburn	1
NEP-Inhibitor	1
Antianorexic	1
Gram(+)-icide	1
Antileukoplakic	1
Cold-preventive	1
Potassium-Sparing	1
Antiprostanoid	1
Anticardiospasmic	1
Interferonogenic	1

Activity	Chemical Count
Amphiglycemic?	1
Antineuramidase	1
Tinnitogenic	1
Bruchiphobe	1
Antideliriant	1
Antiandrogenic	1
Fungitoxic	1
Antiparotitic	1
Clastogenic	1
Phytoalexin	1
Antiprogestational	1
Teratologic	1
Antialopepic	1
Varroacide	1
Antienteritic	1
Anticancer (Forestomach)	1
Antimitral-valve-prolapse	1
Spermigenic	1
Antigout	1
Ascaricide	1
Metalloproteinase-Inhibitor	1
Urinary-Acidulant	1
Antiichthyotic	1
Antitumor (Bladder)	1
Corrosive	1
AP-1-Inhibitor	1
Antiscotomic	1

Activity	Chemical Count
Antihyperlipoproteinaemic	1
Antitonsillitic	1
P450-Inhibitor	1
Antiberiberi	1
Histamine-Inhibitor	1
Antimeasles	1
Antigargantitic	1
Antiviral?	1
Antiretinotic	1
Antiadenoviral	1
Antioncycomycotic	1
Candida-SAP-Inhibitor	1
Antithromboxane	1
Antidote (Mercury)	1
Odontolytic	1
AntiPGE2	1
Protease-Inhibitor	1
Antiurethrotic	1
Antinitrosic	1
Toxic	1
Antihypercholesterolemic	1
Antidiscotic	1
Antiaphthic	1
Hemopoietic	1
Antiperistaltic	1
Antilipolytic	1
Proliferant	1

Activity	Chemical Count
Anticarpal-Tunnel	1
Androgenic	1
Detoxicant (Alcohol)	1
Antineuritic	1
Antiherpetic?	1
Calcium-Channel-Blocker	1
Antipeptic	1
Deodorant	1
Thermogenic	1
Antiamblyopic	1
FPTase-Inhibitor	1
Antipancreatic	1
Antitumor (Gastric)	1
Anticancer (Lung)	1
Acidulant	1
Cytoprotective	1
AntiMS	1
Antispare-Tire	1
Anticystitic	1
Mosquitocide	1
Febrifuge	1
Antiototic	1
Uterorelaxant	1
Antiinfective	1
Catabolic	1
Phospholipase-Inhibitor	1
11B-HSD-Inhibitor	1

Activity	Chemical Count
Sialogogue	1
Antiglycosuric	1
Memorigenic	1
Cardiomyopathogenic	1
Antidysphagic	1
Paralytic	1
AntiBPH	1
Hydrocholerectic	1
Antipneumonic	1
Convulsant	1
Renotoxic	1
Antixerophthalmic	1
Anticoeliac	1
Energizer	1
Trichomonicide	1
Antihyperkeratotic	1
Osteogenic	1
Protisticide	1
Antivaginitic	1
Anticholestatic	1
Antiacrodermatitic	1
DNA-Protective	1
Antinyctalopic	1
Antitympanitic	1
Antipruritic	1
Larvicide	1
Angiogenic	1

Activity	Chemical Count
Antineurotic	1
Topoisomerase-I-Antagonist	1
cAMP-Inhibitor	1
NADH-Oxidase-Inhibitor	1
Gonadotrophic	1
Antiperiodontal	1
Antileukonychic	1
Polyamine-Synthesis-Inhibitor	1
Anticarcinomic (Breast)	1
Interferon-Synergist	1
Alpha-Glucosidase-Inhibitor	1
Depressant	1
Tineacide	1
Antihepatomic	1
Bronchodilator	1
Mucolytic	1
Antikeshan	1
Circulotonic	1
Antitumor (Liver)	1
Antiporphyrin	1
Anticancer (Skin)	1
Inotropic	1
Dehydrogenase-Inhibitor	1
Antimyalgic	1
Taenicide	1
Antihemolytic	1
Antispasmophilic	1

Activity	Chemical Count
Fistula-Preventive	1
Uterotonic	1
Chelator	1
Antitumor (CNS)	1
Anticancer (Esophagus)	1
Hypouricemic	1
Spermicide	1
Arteriodilator	1
Antishingles	1
Uricosuric	1
Antiichthyosic	1
PGE2-Inhibitor	1
Anticalculic	1
Copper-Chelator	1
AntiMeniere's	1
Antiscorbutic	1
Erythrocytogenic	1
Capillariprotective	1
Antitinnitic	1
Antidyskinetic	1
P450-Inducer	1
Comedolytic	1
Antimastitic	1
PTK-Inhibitor	1
Antigallstone	1
Antiretinopathic	1
Lipoxygenase-1-Inhibitor	1

Activity	Chemical Count
Antiadenomic	1
Antiobesity?	1
Antithrombogenic	1
NO-Synthase-Inhibitor	1
Hepatomagenic	1
Antipertussive	1
Antipurpuric	1
Disinfectant	1
Antihyperactivity	1
Antisyncopic	1
Gram(-)-icide	1
Collagen-Sparing	1
Antiprostataadenomic	1
Antineurasthenic	1
CNS-Active	1
Antitumor (Mouth)	1
Antiprolactin	1
Anticapillary-Fragility	1
Deliriant	1
Testosteronigenic	1
Antihemorrhoidal	1
Floral-Inhibitor	1
Antiozenic	1
Vasoconstrictor	1
Antiinsomnic	1
Antitumor (Forestomach)	1
Antienterotic	1

Activity	Chemical Count
Anticancer (Liver)	1
Cytochrome-P450-1A2-Inhibitor	1
AntiMRSA	1
Styptic	1
Asthma-preventive	1
Antisilicotic	1
AntiCTS	1
Antiosteosclerotic	1
Urinary-Antiseptic	1
Antiimpotence	1
Caspase-8-Inducer	1
Phospholipase-A2-Inhibitor	1
Anticancer (Breast)	1
Hypolipemic	1
Counterirritant	1
Serotonergic	1
Antiglossitic	1
Mast-Cell-Stabilizer	1
Antiakathic	1
Cardiac	1
Antidyspeptic	1
Pancreatogenic	1
Antibiotic	1
COMT-Inhibitor	1
Refrigerant	1
Antiwrinkle	1
Lithogenic	1

Activity	Chemical Count
Antiadenovirus	1
Encephalopathic	1
Antionychotic	1
Antithyreotropic	1
Antidote (Paraquat)	1
Antiatherogenic	1
Hepatotonic	1
Antivaccinia	1
Antichilblain	1
Leptogenic	1
DNA-Active	1
Antidote	1
Neurotransmitter	1
Antiarabiflavivotic	1
Antipermeability	1
Antiproteolytic	1
Androgenic?	1
Diaphoretic	1
Calmodulin-Antagonist	1
Glutathione-Depleting	1
Antiperiodic	1
CNS-Paralytic	1
Plasmodicide	1
Antitumor (Pancreas)	1
Alpha-Amylase-Inhibitor	1
Depigmentor	1
Antinephrolytic	1

Activity	Chemical Count
Thymoprotective	1
Antihepatoadenomic	1
Bradycardiac	1
Antianacarditic	1
Antipapillomic	1
Antikeratitic	1
Choline-Sparing	1
Antitumor (Kidney)	1
Anticancer (Mouth)	1
iNOS-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	1
Suppurative	1
Antiheartburn	1
ATPase-Inhibitor	1
Fibrinolytic	1
Antioxalate	1
Uterosedative	1
Sodium-Sparing	1
Antiserotonin	1
Anticorneotic	1
Antihypoglycemic	1
Antibronchitic	1
Antipodagric	1
Copper-Antagonist	1
Antimelasmic	1
Antigastrotic	1
Antiyeast	1

Activity	Chemical Count
Antisarcomic	1
Lyase-Inhibitor	1
Ergogenic	1
Antiorchitic	1
Trypanocide	1
Antitic	1
Antidysgeuzic	1
Oxidase-Inhibitor	1
Antibackache	1
Antipityriasic	1
Colorant	1
Antimastalgic	1
Psychotropic	1
Antifuruncular	1
Antivertigo	1
Antirenitic	1
Anticirrhotic	1
Leukotriene-Inhibitor	1
Antiacrodynic	1
Dye	1
Antiartherosclerotic	1
Hepatocarcinogenic	1
Antiperoxyinitrite	1
Antilupus	1
Prostaglandin-Sparer	1
Differentiator	1
AntiNF-kB	1

Activity	Chemical Count
Antihydrophobic	1