

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

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Abortifacient	2
Acaricide	2
ACE-Inhibitor	7
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	14
Allelochemic	8
Allelopathic	4
Allergenic	9
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Amphiglycemic?	1
Analgesic	14
Androgenic	1
Androgenic?	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anthelmintic	3
Antiacne	6
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiadenoviral	1
Antiadenovirus	1

Activity	Chemical Count
Anti aflatoxin	2
Anti AGE	2
Antiaggregant	8
Antiaging	6
Antiakathisic	1
Antialcoholic	4
Antiallergenic	2
Antiallergic	6
Antialopepic	1
Antialzheimeran	6
Antiamblyopic	1
Antianacarditic	1
Antianaphylactic	4
Antiandrogenic	1
Antianemic	2
Antianginal	2
Antiangiogenic	5
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiarabiflavivotic	1
Antiarrhythmic	8
Antiarteriosclerotic	1
Antiarthritic	10
Antiasthmatic	7
Antiatherogenic	1

Activity	Chemical Count
Antiatherosclerotic	9
Antibackache	1
Antibacterial	31
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Antibronchitic	1
Anticalculic	1
Anticancer	9
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	3
Anticancer (Esophagus)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Mouth)	1
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	2
Anticarcinomic	5
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	7
Anticarpal-Tunnel	1
Anticataract	9

Activity	Chemical Count
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholestatic	1
Anticirrhotic	1
Anticlastogen	3
Anticlimacteric	4
Anticoagulant	2
Anticoeliac	1
Anticold	2
Anticolitic	5
Anticomplement	2
Anticomplementary	2
Anticonvulsant	2
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	4
Antidecubitic	4
Antideliriant	1
Antidementia	4
Antidepressant	7
Antidermatitic	3

Activity	Chemical Count
Antidermatotic	3
Antidiabetic	10
Antidiarrheic	2
Antidiscotic	1
Antidote	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	3
Antieczemic	4
Antiedemic	12
Antielastase	4
Antiencephalitic	3
Antiencephalopathic	2
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antiescherichic	4

Activity	Chemical Count
Antiastrogenic	3
Antifatigue	6
Antifeedant	7
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrosarcomic	2
Antifibrotic	3
Antiflu	6
Antifuruncular	1
Antigallstone	1
Antigargantitic	1
Antigastric	2
Antigastritic	2
Antigastrotic	1
Antigingivitic	5
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	2
Antigonadotropic	2
Antigout	1
AntiGTF	2
Antihangover	4
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	2

Activity	Chemical Count
Antihemorrhoidal	1
Antihepatic	3
Antihepatoadenomic	1
Antihepatomic	1
Antihepatotoxic	13
Antitherpetic	10
Antitherpetic?	1
Antihistaminic	6
AntiHIV	14
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperglycemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	7
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyosic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	30
Antiinsomniac	3

Activity	Chemical Count
Antiinsomnic	1
Antiischemic	4
Antikeratitic	1
Antikeshan	1
AntiLegionella	2
Antileishmanic	4
Antileptic	2
Antileukemic	12
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	5
Antilipolytic	1
Antilipoperoxidant	3
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphomic	3
Antimaculitic	4
Antimalarial	7
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	4
Antimelasmic	1
AntiMeniere's	1
Antimenopausal	4

Activity	Chemical Count
Antimenorrhagic	2
Antimetastatic	4
Antimigraine	4
Antimitotic	2
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	20
Antimyalgic	1
Antimyocarditic	2
Antineoplastic	2
Antinephritic	4
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	6
Antinitrosic	1
Antinociceptive	7
Antinyctalopic	1
Antiobesity	6
Antiobesity?	1
Antioncychomycotic	1

Activity	Chemical Count
Antionychyotic	1
Antiophidic	5
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiosteosclerotic	1
Antiototic	1
Antioxalate	1
Antioxidant	38
Antioxidant Synergist	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antipeptic	1
Antiperiodic	1
Antiperiodontal	1
Antiperiodontic	3
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	13
Antiperoxyinitrite	1
Antipertussive	1
AntiPGE2	1

Activity	Chemical Count
Antipharyngitic	2
Antiphotophobic	2
Antipityriasic	1
Antiplateque	6
Antiplasmodial	5
AntiPMS	5
Antipneumonic	1
Antipodagric	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	2
Antiporphyrhic	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiproliferative	2
Antiprostaglandin	4
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antiproteolytic	1
Antipruritic	1
Antipsoriac	5
Antipurpuric	1
Antipyretic	3
Antiradicular	17
AntiRaynaud's	3

Activity	Chemical Count
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	8
Antirhinitic	2
Antisarcomic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	4
Antiseptic	20
Antiserotonin	1
Antishingles	1
Antisickling	2
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	10
Antispasmophilic	1
Antistaphylococcic	4
Antistomatitic	3
Antistreptococcic	3
Antistress	4
Antistroke	2
Antisunburn	1
Antisyncopic	1
Antisyndrome-X	6
AntiTGF-beta	2
Antithiamin	2

Activity	Chemical Count
Antithrombic	2
Antithrombogenic	1
Antithromboxane	1
Antithyrotropic	1
Antithyroid	3
Antitic	1
Antitinnitic	1
Antitonsilitic	1
Antitriglyceride	2
Antitrypanosomic	3
Antitubercular	2
Antitumor	22
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	7
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	7
Antitumor (Mouth)	1
Antitumor (Ovary)	2
Antitumor (Pancreas)	1
Antitumor (Prostate)	2

Activity	Chemical Count
Antitumor (Skin)	4
Antitumor (Stomach)	3
Antitumor-Promoter	8
Antitussive	4
Antitympanic	1
Antiulcer	14
Antiulcerogenic	2
Antiurethrotic	1
Antivaccinia	1
Antivaginitic	1
Antivertigo	1
Antiviral	21
Antiviral?	1
Antiwrinkle	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	6
AP-1-Inhibitor	1
Apoptotic	9
Aromatase-Inhibitor	2
Artemicide	2
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	6
ATPase-Inhibitor	1
Bacteristat	3

Activity	Chemical Count
Beta-Adrenergic Receptor Blocker	3
Beta-Blocker	4
Beta-Glucuronidase-Inhibitor	3
Bradycardiac	1
Bronchodilator	1
Bruchiphobe	1
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	28
Candida-SAP-Inhibitor	1
Candidicide	8
Capillarifortificant	2
Capillarigenic	3
Capillariprotective	1
Carcinogenic	6
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	11
Cardiotonic	5
Cardiotoxic	2
Caspase-8-Inducer	1
Catabolic	1
Cathartic	2
Chelator	1

Activity	Chemical Count
Chemopreventive	4
Cholagogue	2
Choleretic	8
Choline-Sparing	1
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	3
CNS-Paralytic	1
Co-carcinogenic	2
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Colorant	1
Comedolytic	1
COMP-Inhibitor	2
COMT-Inhibitor	1
Convulsant	1
Copper-Antagonist	1
Copper-Chelator	1
Corrosive	1
Counterirritant	1
COX-1-Inhibitor	2
COX-2-Inhibitor	7
Cyclooxygenase-Activator	3
Cyclooxygenase-Inhibitor	8
Cytochrome-P450-1A2-Inhibitor	1

Activity	Chemical Count
Cytoprotective	1
Cytotoxic	14
Dehydrogenase-Inhibitor	1
Deiodinase-Inhibitor	2
Deliriant	1
Deodorant	1
Depigmentor	1
Depressant	1
Dermatitigenic	2
Detoxicant	4
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	1
Disinfectant	1
Diuretic	15
DNA-Active	1
DNA-Protective	1
Dye	1
Elastase-Inhibitor	2
Emetic	2
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	2
Fatal	2

Activity	Chemical Count
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	4
Floral-Inhibitor	1
FPTase-Inhibitor	1
Fungicide	10
Fungistat	2
Fungitoxic	1
Gastroprotective	3
Glucosyl-Transferase-Inhibitor	3
Glutathione-Depleting	1
Gonadotrophic	1
Gram(+)icide	1
Gram(-)icide	1
Hemopoietic	1
Hemostat	6
Hemostatic	2
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	15
Hepatotonic	1
Hepatotoxic	3
Hepatotropic	2
Herbicide	3
Histamine-Inhibitor	1
HIV-RT-Inhibitor	2

Activity	Chemical Count
Hydrocholerectic	1
Hypertensive	2
Hypocholesterolemic	8
Hypoglycemic	11
Hypolipemic	1
Hypolipidemic	3
Hypotensive	15
Hypouricemic	1
Immunomodulator	8
Immunostimulant	13
Immunosuppressant	5
iNOS-Inhibitor	1
Inotropic	1
Insectifuge	5
Insectiphile	2
Insulin-Sparing	2
Insulinogenic	5
Interferon-Synergist	1
Interferonogenic	1
Irritant	5
Juvabional	2
Keratolytic	3
Larvicide	1
Larvostat	2
Laxative	6
Laxative?	2
Leptingenic	1

Activity	Chemical Count
Leucocytogenic	2
Leukotriene-Inhibitor	1
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	8
Lithogenic	1
Litholytic	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator	2
Metal-Chelator (Copper)	3
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	2
Mosquitocide	1
Mucogenic	2
Mucolytic	1
Mutagenic	2
Mycobactericide	2
Mycoplasma-Stat	2
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
NEP-Inhibitor	1
Nephrotoxic	2
Neuroprotective	3
Neurotransmitter	1

Activity	Chemical Count
NF-kB-Inhibitor	4
NO-Inhibitor	4
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Oxidase-Inhibitor	1
P450-Inducer	1
P450-Inhibitor	1
Pancreatogenic	1
Paralytic	1
Pesticide	41
PGE2-Inhibitor	1
Phagocytotic	5
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	1
Pigment	2
Piscicide	2
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	2
Proliferant	1
Prooxidant	5
Prostaglandigenic	5
Prostaglandin-Sparer	1

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	5
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	1
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	4
Refrigerant	1
Renotoxic	1
Reverse-Transcriptase-Inhibitor	2
Secretagogue	2
Sedative	3
Serotonergic	1
Sialogogue	1
Sodium-Sparing	1
Spermicide	1
Spermigenic	1
Styptic	1
Sunscreen	4
Suppurative	1
Taenicide	1
Teratologic	1
Testosteronigenic	1
Thermogenic	1
Thymoprotective	1
Tineacide	1
Tinnitigenic	1

Activity	Chemical Count
Tissue-Thromboplastin-Inhibitor	2
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	2
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	2
Trichomonicide	1
Trypanocide	1
Tumorigenic	2
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	2
Ubiquitot	6
Ulcerogenic	2
Uricosuric	1
Urinary-Acidulant	1
Urinary-Antiseptic	1
Uterorelaxant	1
Uterosedative	1
Uterotonic	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	9
Vasopressor	3
VEGF-Inhibitor	2
Vulnerary	4

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	9