

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Prunella vulgaris***

<b>Activity</b>	<b>Chemical Count</b>
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	4
ABeta-Inhibitor	1
Abortifacient	1
Acaricide	3
ACE-Inhibitor	2
Acetylcholinergic	1
Adenylate-Cyclase-Inhibitor	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	12
Allelochemic	6
Allelopathic	2
Allergenic	7

<b>Activity</b>	<b>Chemical Count</b>
Analgesic	10
Androgenic	1
Anesthetic	5
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	2
Anthelmintic	4
Antiacetylcholinesterase	3
Antiacne	2
Antiacrodermatitic	1
Antiadenomic	1
Antiadrenergic	1
Antiaflatoxin	3
Antiaggregant	5
Antiaging	2
Antiakathisic	1
Antialcoholic	4
Antiallergic	10
Antialopepic	2
Antialzheimeran	4

<b>Activity</b>	<b>Chemical Count</b>
Antianaphylactic	4
Antiandrogenic	2
Antianemic	3
Antianginal	1
Antiangiogenic	4
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiapoptotic	1
Antiarrhythmic	8
Antiarteriosclerotic	1
Antiarthritic	9
Antiasthmatic	3
Antiasthmatic?	2
Antiatherogenic	2
Antiatherosclerotic	6
Antibacterial	21
AntiBPH	1
Antibronchitic	2

<b>Activity</b>	<b>Chemical Count</b>
Antibronchoconstrictor	1
Anticancer	7
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Lung)	1
Anticanker	2
Anticapillary-Fragility	4
Anticarcinogenic	2
Anticarcinomic	4
Anticarcinomic (Breast)	1
Anticariogenic	7
Anticataract	4
Anticatarrh	2
Anticephalagic	1
AntiCFS	1
Anticheilitic	1
Anticholestatic	1
Anticholinergic	1
Anticholinesterase	2

<b>Activity</b>	<b>Chemical Count</b>
Anticlastogen	1
Anticlimacteric	2
Anticoagulant	1
Anticoeliac	1
Anticold	1
Anticolic	1
Anticolitic	2
Anticollegenase	1
Anticomplement	2
Anticomplementary	3
Anticonvulsant	4
Anticoronary	3
AntiCrohn's	2
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidementia	2
Antidepressant	5
Antidermatic	1
Antidermatitic	3

<b>Activity</b>	<b>Chemical Count</b>
Antidiabetic	9
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidysenteric	3
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
AntiEBV	2
Antieczemic	2
Antiedemic	12
Antielastase	3
Antiencephalitic	1
Antiencephalopathic	1
Antiendometriotic	1
Antienterotic	1
Antiepileptic	3
Antierythemic	1

<b>Activity</b>	<b>Chemical Count</b>
Antiescherichic	4
Antiestrogenic	3
Antifatigue	5
Antifeedant	5
Antifertility	3
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	2
Antifibrotic	1
Antiflu	3
Antifuruncular	1
Antigastric	1
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglutamaergic	1
Antigonadotrophic	1
Antigonadotropic	2
Antigranular	1
AntiGTF	1

<b>Activity</b>	<b>Chemical Count</b>
Antihalitotic	2
Antihangover	2
Antihematuric	1
Antihemolytic	1
Antihemorrhoidal	1
Antihepatotoxic	10
Antiherpetic	6
Antiherpetic?	1
Antihiccup	1
Antihistaminic	8
AntiHIV	9
Antihydrophobic	1
Antihyperglycemic	2
Antihyperinsulinemic	1
Antihyperkinetic	2
Antihyperleptinemic	1
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihyperthyroid	1



<b>Activity</b>	<b>Chemical Count</b>
Antihypoglycemic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	1
Antiinflammatory	26
Antiinsomniac	3
Antiintegrase	1
Antiischemic	2
Antiketotic	2
Antilaryngitic	2
Antileishmanic	2
Antileptic	1
Antileukemic	9
Antileukonychic	1
Antileukotriene	3
Antileukotriene-D4	1
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	2

<b>Activity</b>	<b>Chemical Count</b>
Antilithic	2
AntiLyme	1
Antilymphocytic	1
Antilymphomic	5
Antimaculitic	1
Antimalarial	6
Antimange	1
Antimastalgic	1
Antimelanomic	4
Antimenopausal	2
Antimenorrhagic	2
Antimetastatic	4
Antimigraine	1
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	15
Antimyocarditic	1
Antimyopic	1

<b>Activity</b>	<b>Chemical Count</b>
Antinauseant	1
Antinephritic	5
Antinephrolytic	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	2
Antinociceptive	11
Antinyctalopic	2
Antiobesity	3
Antiobesity?	1
Antiophidic	3
Antiophthalmic	1
Antiosteoporotic	5
Antiototic	1
Antioxalate	1
Antioxidant	22
Antioxidant (LDL)	1
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	2

<b>Activity</b>	<b>Chemical Count</b>
Antiperiodontitic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	5
AntiPGE2	1
Antipharyngitic	3
Antiplatelet	8
Antiplasmodial	4
Antiplatelet	1
AntiPMS	4
Antipodriac	1
Antipolio	2
Antiprogestational	1
Antiprolactin	1
Antiproliferant	6
Antiproliferative	1
Antiprostaglandin	5
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	4

<b>Activity</b>	<b>Chemical Count</b>
Antiproteolytic	1
Antiprotozoal	1
Antipsoriac	1
Antipulmonotic	1
Antipurpuric	1
Antipyretic	4
Antiradicular	6
AntiRaynaud's	1
Antirenitic	1
Antiretinopathic	1
Antirheumatic	5
Antirhinitic	2
Antisarcomic	1
Antiseptic	11
Antiserotonin	1
Antishock	2
Antisinusitic	2
Antispare-Tire	1
Antispasmodic	15
Antispasmophilic	1

<b>Activity</b>	<b>Chemical Count</b>
Antistaphylococcic	8
Antistomatitic	1
Antistreptococcic	1
Antistress	2
Antistroke	2
Antisunburn	1
Antisyndrome-X	3
AntiTGF-beta	2
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithromboxane	1
Antithyreotropic	1
Antithyroid	2
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	3
Antitumor	12
Antitumor (Bladder)	1

<b>Activity</b>	<b>Chemical Count</b>
Antitumor (brain)	2
Antitumor (Breast)	4
Antitumor (Cervix)	2
Antitumor (Colon)	4
Antitumor (Kidney)	2
Antitumor (Lung)	5
Antitumor (Ovary)	3
Antitumor (Pancreas)	2
Antitumor (Skin)	2
Antitumor (Stomach)	2
Antitumor (Thyroid)	1
Antitumor-Promoter	5
Antitussive	4
Antiulcer	10
Antiuremic	1
Antiurethrotic	1
Antivaricose	3
Antiviral	18
Antiviral?	1
Antiwrinkle	1

<b>Activity</b>	<b>Chemical Count</b>
Anxiolytic	4
Aphidifuge	1
Apoptotic	8
Aromatase-Inhibitor	4
Artemicide	2
Astringent	1
Atherogenic	1
ATPase-Inhibitor	1
Bacteristat	1
Barbituate-Synergist	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	3
Bradycardiac	1
Bronchorelaxant	2
Calcium-Antagonist	5
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	20



<b>Activity</b>	<b>Chemical Count</b>
Candidicide	8
Candidistat	1
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2
Carcinogenic	6
Cardiodepressant	2
Cardioprotective	5
Cardiotonic	2
Cardiotoxic	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	2
Chelator	1
Chemopreventive	4
Cholagogue	1
Choleretic	9
CNS-Depressant	4
CNS-Stimulant	3
Collagenic	1

<b>Activity</b>	<b>Chemical Count</b>
Collyrium	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Convulsant	2
Copper-Antagonist	1
Copper-Chelator	2
Cosmetic	4
Counterirritant	2
COX-1-Inhibitor	3
COX-2-Inhibitor	7
Culicide	1
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	2
Cytoprotective	1
Cytotoxic	11
Decongestant	2
Degranulant	2

<b>Activity</b>	<b>Chemical Count</b>
Deiodinase-Inhibitor	3
Demulcent	1
Dentifrice	2
Deodorant	1
Dermal	1
Dermatitigenic	2
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	2
Diuretic	8
Edemagenic	2
Elastase-Inhibitor	2
Emetic	1
Ergogenic	1
Estrogenic	5
Estrogenic?	1
Expectorant	3
Febrifuge	1
Flatugenic	1
FLavor	8

<b>Activity</b>	<b>Chemical Count</b>
FPTase-Inhibitor	1
Fungicide	11
GABA-nergic	1
Gastroprotective	3
Glucosyl-Transferase-Inhibitor	2
Goitrogenic	1
Gonadotrophic	1
Gram(+)icide	2
Gram(-)icide	2
Hemostat	3
Hepatomagenic	2
Hepatoprotective	14
Hepatotonic	2
Herbicide	4
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	3
Hyperglycemic	1
Hypertensive	3
Hypnotic	1

<b>Activity</b>	<b>Chemical Count</b>
Hypocholesterolemic	10
Hypoglycemic	6
Hypolipemic	1
Hypolipidemic	1
Hypotensive	13
Hypothermic	2
ICAM-1-Inhibitor	2
IKK-Inhibitor	1
Immunomodulator	8
Immunostimulant	2
Immunosuppressant	2
Inflammatory	2
iNOS-Inhibitor	3
Inotropic	2
Insecticide	2
Insectifuge	6
Insectiphile	2
Insulinogenic	3
Iodothyronine-Deiodinase-Inhibitor	2
Irritant	6

<b>Activity</b>	<b>Chemical Count</b>
JNK-Inhibitor	1
Juvabional	2
Larvicide	2
Larvostat	2
Laxative	4
Leptogenic	1
Leucocytogenic	2
Lipoxygenase-Inhibitor	10
Litholytic	1
Lubricant	2
MAO-A-Inhibitor	1
MAO-Inhibitor	3
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator (Copper)	3
Metalloproteinase-Inhibitor	2
Metastatic	1
MMP-9-Inhibitor	3
Mosquitocide	1

<b>Activity</b>	<b>Chemical Count</b>
Mosquitofuge	1
Motor-Depressant	2
Mucogenic	1
Musculotropic	3
Mutagenic	3
Myoprotective	1
Myorelaxant	9
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	5
Neoplastic	1
NEP-Inhibitor	2
Nephrotoxic	1
Neuroprotective	3
Neurotoxic	2
Neurotransmitter	1
NF-kB-Inhibitor	4
NO-Inhibitor	4
NO-Scavenger	1
NO-Synthase-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Ornithine-Decarboxylase-Inhibitor	3
Oviposition-Stimulant	1
Ovulant	1
P450-2B1-Inhibitor	1
P450-Inducer	3
P450-Inhibitor	1
PAF-Inhibitor	2
Pediculicide	2
Perfume	2
Perfumery	7
Pesticide	27
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Photoactive	1
Phytoalexin	1
Phytohormonal	1
Pigment	2
Piscicide	2



<b>Activity</b>	<b>Chemical Count</b>
Plasmodicide	1
Potassium-Sparing	1
Preservative	1
Proliferant	2
Prooxidant	4
Propepic	2
Prostaglandin-Synthesis-Inhibitor	4
Prostaglandin-Synthetase-Inhibitor	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	3
Psychotropic	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	3
Radioprotective	2
Reverse-Transcriptase-Inhibitor	1
Rubefacient	2
Schizophrenigenic	1
Secretagogue	2
Sedative	6

<b>Activity</b>	<b>Chemical Count</b>
Sodium-Sparing	1
Spasmogenic	3
Spermicide	1
Spermigenic	1
Succinoxidase-Inhibitor	1
Sunscreen	4
Suppository	1
Surfactant	2
Sweetener	2
Teratologic	2
Termitifuge	1
Testosterone-Hydroxylase-Inducer	2
Testosteronigenic	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	3
TOPO-2-Inhibitor	2
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Tranquilizer	2
Transdermal	3

<b>Activity</b>	<b>Chemical Count</b>
Trichomonicide	4
Triglycerigenic	1
Trypanocide	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Ulcerogenic	1
Uricogenic	1
Uterorelaxant	1
Uterosedative	1
Uterotonic	1
Uterotrophic	1
UV-Screen	2
Vasoactive	1
Vasodilator	8
Vasopressor	3
Vasoprotective	1
VEGF-Inhibitor	2

Activity	Chemical Count
Vulnerary	2
Xanthine-Oxidase-Inhibitor	7