

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Beta vulgaris

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	3
Vulnerary	6
VEGF-Inhibitor	2
Vasodilator	11
Varroacide	1
Uterotrophic	1
Uterosedative	1
Uterorelaxant	1
Urine-Deodorant	1
Urine-Acidifier	1
Urinary-Acidulant	1
Uricosuric	4
Uricogenic	2
Ulcerogenic	2
Ubiquiot	6
Tyrosine-Kinase-Inhibitor	1
Tyrosinase-Inhibitor	3
Tumorigenic	2
Tumor-Promoter	1
Triglycerigenic	1
Trichomonicide	2
Tremorigenic	1
Tranquilizer	3
Topoisomerase-II-Inhibitor	2
Topoisomerase-I-Inhibitor	2
TNF-alpha-Inhibitor	2
Tineacide	1

Activity	Chemical Count
Thymoprotective	1
Thermogenic	1
Testosteronigenic	1
Teratologic	2
Taenicide	1
Sweetener	3
Suppurative	1
Suppository	1
Sunscreen	4
Spermigenic	2
Spermicide	1
Soap	1
Serotoninerpic	2
Sequestrant	1
Sedative	5
Secretagogue	1
Scolicide	1
Schizophrenigenic	1
Scabicide	1
Roborant	1
Renotoxic	1
Refrigerant	1
Quinone-Reductase-Inducer	2
PTK-Inhibitor	1
Protisticide	1
Protein-Kinase-C-Inhibitor	2
Prostaglandin-Synthesis-Inhibitor	4

Activity	Chemical Count
Prostaglandin-Sparer	1
Prostaglandigenic	4
Propepic	5
Prooxidant	3
Proliferant	1
Prolactinogenic	1
Preservative	2
Polyamine-Synthesis-Inhibitor	1
Podagragenic	1
Plasmodicide	1
Pituitary-Stimulant	1
Pigment	3
Phytoalexin	3
Phospholipase-Inhibitor	1
Pheromonal	1
Phagocytotic	2
PGE2-Inhibitor	1
Pesticide	28
Perfumery	7
Percutaneostimulant	2
Parasiticide	1
PAF-Inhibitor	1
P450-Inhibitor	1
P450-Inducer	1
Oxidant	2
Oviposition-Stimulant	1
Osteogenic	1

Activity	Chemical Count
Ornithine-Decarboxylase-Inhibitor	5
Odontolytic	1
NO-Synthase-Inhibitor	1
NO-Inhibitor	2
NO-Genic	2
NF-kB-Inhibitor	3
Neurotransmitter	2
Neurotoxic	2
Neuroprotective	4
Neuroinhibitor	2
Neuroexcitant	1
Nephrotoxic	3
NEP-Inhibitor	1
Neoplastic	1
Nematicide	3
Natriuretic	2
NADH-Oxidase-Inhibitor	1
Myorelaxant	1
Myocardiotoxic	1
Mycobactericide	1
Mutagenic	3
Mucolytic	1
Mucogenic	3
Monoamine-Precursor	3
MMP-9-Inhibitor	1
Metastatic	1
Metalloproteinase-Inhibitor	1

Activity	Chemical Count
Metal-Chelator (Copper)	1
Metal-Chelator	3
Memory-Enhancer	1
Memorigenic	1
Mast-Cell-Stabilizer	1
MAO-Inhibitor	1
MAO-A-Inhibitor	1
Lymphocytogenic	1
Lyase-Inhibitor	1
Lubricant	2
Litholytic	2
Lithogenic	3
Lipoxygenase-Inhibitor	6
Lipotropic	2
Leukotriene-Inhibitor	2
Leptogenic	1
Laxative?	1
Laxative	5
Larvostat	2
Keratolytic	3
Juvabional	3
JNK-Inhibitor	1
Irritant	10
Iodothyronine-Deiodinase-Inhibitor	1
Interferonogenic	2
Interferon-Synergist	1
Insulinotonic	1

Activity	Chemical Count
Insulinogenic	4
Insulinase-Inhibitor	1
Insulin-Sparing	1
Insectifuge?	1
Insectifuge	9
Inotropic	2
iNOS-Inhibitor	2
Immunosuppressant	4
Immunostimulant	10
Immunomodulator	10
ICAM-1-Inhibitor	1
Hypouricemic	1
Hypotensive	11
Hypolipidemic	3
Hypoglycemic	10
Hypocholesterolemic	14
Hypoarginanemic	2
Hypoammonemic	2
Hypnotic	1
Hyperuricemic	1
Hypertensive	2
Hyperglycemic	2
Hypercholesterolemic	2
Hydrocholerectic	1
HIV-RT-Inhibitor	2
Histamine-Inhibitor	2
Herbicide	2

Activity	Chemical Count
Hepatotropic	2
Hepatotoxic	1
Hepatoprotective	10
Hepatomagenic	1
Hepatocarcinogenic	1
Hemostatic	1
Hemostat	2
Hemolytic	1
Heme-Sparing	1
Hematopoietic	1
Gonadotrophic	1
Glutathionigenic	1
Glucosyl-Transferase-Inhibitor	1
Gastroprotective	1
Fungistat	1
Fungicide	12
FLavor	10
Flatugenic	2
Fistula-Preventive	1
Fibrinolytic	1
Febrifuge	1
Fatal	1
Expectorant	1
Ethanolytic	1
Estrogenic	4
Essential	9
Erythrocytogenic	1

Activity	Chemical Count
Ergogenic	1
Energizer	1
Encephalopathic	1
Emmenagogue	1
Emetic	1
Dye	1
DNA-Protective	1
DNA-Active	1
Diuretic	12
Disinfectant	1
Differentiator	1
Diaphoretic?	3
Diagnostic	1
Detoxicant (Alcohol)	1
Detoxicant	1
Dermatitigenic	3
Depressant	1
Deodorant	1
Demulcent	1
Deliriant	1
Deiodinase-Inhibitor	1
Cytotoxic	4
Cytoprotective	1
Cytochrome-P450-1A2-Inhibitor	1
Cyclooxygenase-Inhibitor	3
COX-2-Inhibitor	5
COX-1-Inhibitor	1

Activity	Chemical Count
Cosmetic	1
Copper-Chelator	2
Copper-Antagonist	1
Contraceptive	1
COMT-Inhibitor	1
Comedolytic	2
Comedogenic	1
Colorant	1
Collyrium	1
Collagenic	2
Collagen-Sparing	2
Cold-preventive	1
Co-carcinogenic	1
CNS-Stimulant	2
CNS-Paralytic	1
CNS-Inhibitor	1
CNS-Depressant	1
CNS-Active	2
Clastogenic	2
Circulotonic	2
Cholinergic	1
Choleretic	10
Cholagogue	3
Chemopreventive	4
Catabolic	1
Caspase-8-Inducer	1
Cardiovascular	1

Activity	Chemical Count
Cardiotoxic	1
Cardioprotective	12
Cardiomyopathogenic	1
Cardiac	1
Carcinogenic	5
Capillariprotective	1
Candidicide	5
Cancer-Preventive	28
cAMP-Phosphodiesterase-Inhibitor	2
Calmodulin-Antagonist	1
Calcium-Channel-Blocker	1
Calcium-Antagonist	3
Bruchiphobe	1
Bronchoprotectant	1
Bradycardiac	1
Beta-Glucuronidase-Inhibitor	1
Beta-Blocker	2
Beta-Adrenergic Receptor Blocker	1
Bacteristat	2
Autotoxic	1
ATPase-Inhibitor	1
Atherogenic	1
Astringent	1
Asthma-preventive	1
Ascaricide	1
Arteriodilator	1
Artemicide	1

Activity	Chemical Count
Aromatase-Inhibitor	1
Apoptotic	6
Aphrodisiac	1
AP-1-Inhibitor	1
Anxiolytic	8
Antiyeast	1
Antixerophthalmic	1
Antivertigo	1
Antiviral?	1
Antiviral	11
Antivertigo	1
Antivaricose	1
Antivaginitic	1
Antivaccinia	1
Antiuricosuric	1
Antiuremic	1
Antiulcerogenic	3
Antiulcer	12
Antitympanic	1
Antitumor-Promoter	8
Antitumor (Stomach)	2
Antitumor (Skin)	4
Antitumor (Prostate)	3
Antitumor (Ovary)	2
Antitumor (Lung)	6
Antitumor (Liver)	2
Antitumor (Gastric)	1

Activity	Chemical Count
Antitumor (Forestomach)	2
Antitumor (Esophagus)?	1
Antitumor (Colon)	4
Antitumor (CNS)	1
Antitumor (Cervix)	1
Antitumor (Breast)	4
Antitumor (brain)	1
Antitumor (Bladder)	2
Antitumor	14
Antitubercular	1
Antitrypanosomic	1
Antitriglyceride	2
Antitinnitic	2
Antitic	1
Antithyroid	2
Antithrombic	2
Antithiamin	2
Antisyndrome-X	6
Antisunburn	2
Antistroke	3
Antistress	5
Antistreptococcic	1
Antistomatitic	2
Antistaphylococcic	2
AntiSpina-Bifida	1
Antispasmophilic	1
Antispasmodic	10

Activity	Chemical Count
Antispare-Tire	1
Antisilicotic	1
Antisickling	5
Antishingles	1
Antiserotonin	2
AntiSeptic-Shock	1
Antiseptic	12
Antiseborrheic	3
Antiscotomic	1
Antiscorbutic	1
Antiscoliotic	1
Antischizophrenic	1
Antirhinitic	1
Antirheumatic?	1
Antirheumatic	8
Antiretinotic	2
Antiretinopathic	1
Antiretardation	1
AntiRaynaud's	3
Antiradicular	14
Antipyretic	4
Antipsychotic	3
Antipsoriac	4
Antipruritic	1
Antiprostatotic	1
Antiprostatitic	7
Antiprostataadenomic	1

Activity	Chemical Count
Antiprostanoid	1
Antiprostaglandin	3
Antiproliferant	4
Antiprolactin	1
Antiprogestational	1
Antiporphyrin	1
Antipolyneuritic	1
Antipoliomyelitic	2
Antipolio	3
Antipodriac	2
Antipodagric	1
Antipneumonic	1
AntiPMS	6
Antiplasmodial	1
Antiplatelet	5
Antiplantar	1
Antipityriasis	1
Antiphotophobic	2
Antiphenylketonuric	2
Antipharyngitic	1
Antiperoxidant	7
Antipermeability	1
Antiperistaltic	1
Antiperiodontic	4
Antiperiodontic	1
Antiperiodontal	1
Antiperiodic	1

Activity	Chemical Count
Antipeptic	1
Antipellagic	3
Antiparotitic	1
Antiparkinsonian	8
Antipapillomic	1
Antipancreatic	1
Antiozenic	1
Antioxidant?	2
Antioxidant Synergist	2
Antioxidant	27
Antiototic	1
Antiosteoporotic	9
Antiosteoarthritic	4
Antiorchitic	1
Antiophthalmic	1
Antiophidic	2
Antionychyotic	1
Antioncychomycotic	1
Antiobesity	5
Antinyctalopic	1
Antinociceptive	2
Antinitrosic	1
Antinitrosaminic	5
AntiNF-kB	1
Antineurotic	1
Antineuropathic	4
Antineuritic	1

Activity	Chemical Count
Antineurasthenic	1
Antineuramidase	1
Antineuralgic	3
Antinephrolytic	1
Antinephritic	1
Antineoplastic	1
Antimyocarditic	2
Antimyotrophic	1
Antimyelotoxic	1
Antimyalgic	1
Antimutagenic	14
AntiMS	3
Antimorphinic	1
Antimitral-valve-prolapse	1
Antimitotic	1
Antimigraine	5
Antimetastatic	4
Antimenorrhagic	3
Antimenopausal	5
AntiMeniere's	1
Antimelanomic	3
Antimelanogenic	2
Antimeasles	1
Antimastitic	1
Antimastalgic	1
Antimanic	2
Antimalarial	1

Activity	Chemical Count
Antimaculitic	5
Antilymphomic	2
Antilymphocytic	1
AntiLyme	5
Antilupus	1
Antilithic	3
Antilisteria	1
Antilipoperoxidant	2
Antileukotriene-D4	4
Antileukotriene	4
Antileukoplakic	1
Antileukonychic	1
Antileukemic	9
Antilethargic	1
Antileptic	2
Antileishmanic	2
AntiLegionella	2
Antilactobacillic	1
Antiketotic	1
Antikeshan	1
Antikeratitic	1
Antiischemic	1
Antiinsomnic	1
Antiinsomniac?	1
Antiinsomniac	5
Antiinflammatory	18
Antiinfertility	4

Activity	Chemical Count
Antiinfective	1
Antiinfarctal	1
Antiimpotence	2
Antiimplantation	1
Antielus?	1
Antiichthyotic	1
Antiichthyosic	1
Antihypoglycemic	1
Antihyperthyroid	3
Antihypertensive	10
Antihyperlipoproteinaemic	1
Antihyperkinetic	2
Antihyperkeratotic	1
Antihypercholesterolemic	3
Antihyperammonemic	1
Antihyperactivity	1
Antihydrophobic	1
Antihomocystinuric	2
AntiHIV	5
Antihistaminic	7
Antihiccup	1
Antitherpetic?	1
Antitherpetic	8
Antihepatotoxic	7
Antihepatotic	1
Antihepatomic	1
Antihepatoadenomic	1

Activity	Chemical Count
Antihepatic	2
Antihemorrhagic	1
Antihemolytic	2
Antiheartburn	1
Antihangover	4
AntiGTF	1
Antigrey	1
Antigranulocytopenic	1
Antigranular	1
Antigout	1
Antigonadotropic	3
Antigonadotrophic	1
Antiglycosuric	1
Antiglossitic	2
Antiglaucomic	2
Antigingivitic	3
Antigenotoxic	1
Antigastrotic	1
Antigastritic	4
Antigastric	1
Antigallstone	1
Antifuruncular	1
Antiflu	2
Antifibrotic	3
Antifibrosarcomic	1
Antifibromyalgic	1
Antifibrinolytic	2

Activity	Chemical Count
Antifertility	3
Antifeedant	3
Antifatigue	8
Antiestrogenic	3
Antiescherichic	3
Antiepileptic	5
Antienterotic	1
Antiendometriotic	2
Antiencephalopathic?	1
Antiencephalopathic	8
Antiencephalitic	2
Antielastase	2
Antiedemic	4
Antieczemic	6
AntiEBV	1
Antidysphagic	1
Antidyspeptic	1
Antidysmenorrheic	2
Antidyskinetic	2
Antidysgeuzic	1
Antidrepanocytic	1
Antidote (Paraquat)	1
Antidote (Paracetamol)	1
Antidote (Mercury)	1
Antidote (Lead)	3
Antidote (Hypoglycin-A)	1
Antidote (Cadmium)	2

Activity	Chemical Count
Antidote (Ammonia)	1
Antidote (Aluminum)	2
Antidote (Acetaminophen)	1
Antidiscotic	1
Antidiabetic?	1
Antidiabetic	12
Antidermatotic	1
Antidermatitic	3
Antidepressant?	1
Antidepressant	11
Antidementia	6
Antideliriant	1
Antidecubitic	3
Antidandruff	5
Anticystitic	2
AntiCTS	1
AntiCrohn's	3
Anticoronary	5
Anticorneotic	1
Anticonvulsant	4
Anticomplementary	1
Anticolitic	3
Anticold	2
Anticoeliac	1
Anticoagulant	1
Anticlimacteric	4
Anticlaudificant?	1

Activity	Chemical Count
Anticlastogen	1
Anticirrhotic?	1
Anticirrhotic	1
Antichoreic	1
Anticholesteremic	1
Antichilblain	1
Anticheilitic	3
AntiCFS	3
Anticervicaldysplasic	4
Anticerebrotic	1
Anticephalagic	4
Anticataract	9
Anticarpal-Tunnel	1
Anticariogenic	1
Anticardiospasmic	1
Anticarcinomic (Lung)	1
Anticarcinomic (Colon)	1
Anticarcinomic (Breast)	1
Anticarcinomic	1
Anticarcinogenic	3
Anticanker	3
Anticancer (Skin)	2
Anticancer (Pancreas)	1
Anticancer (Lung)	1
Anticancer (Liver)	2
Anticancer (Forestomach)	2
Anticancer (Esophagus)?	1

Activity	Chemical Count
Anticancer (Colon)	2
Anticancer (Cervix)	1
Anticancer (Breast)	1
Anticancer	6
Anticalcific	1
AntiBPH	1
Antiberiberi	1
Antibacterial	13
Antibackache	1
Antiatherosclerotic	9
Antiatherogenic	1
Antiasthmatic	6
Antiarthritic	14
Antiarteriosclerotic	3
Antiarrhythmic	4
Antiarabiflavivotic	1
Antiaphthic	1
Antianxiety	3
Antianorexic	1
Antianorectic	2
Antiangiogenic	3
Antianginal	3
Antianemic	6
Antiandrogenic	4
Antianaphylactic	2
Antiamblyopic	1
Antialzheimeran	6

Activity	Chemical Count
Antiallopecic	4
Antiallergic	7
Antialkalotic	1
Antialkali?	1
Antialdosteronic	1
Antialcoholic	4
Antiakathisis	1
Antiaging	5
Antiaggregant	9
AntiAGE	2
Antiaflatoxin	2
Antiadrenalinic	1
Antiadenoviral	1
Antiadenomic	2
AntiADD	1
Antiacrodynic	1
Antiacrodermatitic	1
Antiacne	8
Antiacid	1
Anthelmintic	1
Anorexic	3
Angiotensin-Receptor-Blocker	3
Angiogenic	1
Anesthetic	1
Anemiagenic	2
Androgenic?	1
Androgenic	2

Activity	Chemical Count
Analgesic	10
Analeptic	1
Amphiglycemic?	1
Alpha-Reductase-Inhibitor	1
Alpha-Amylase-Inhibitor	1
Allergenic	11
Allelopathic	4
Allelochemic	3
Aldose-Reductase-Inhibitor	8
Aldehyde-Oxidase-Inhibitor	1
Aggregant	1
Adjuvant	1
Additive	1
Acidulant	2
Acidifier	1
Acetylcholinergic	1
ACE-Inhibitor	1
Acarifuge	1
Acaricide	1
Abortifacient	1
5-Lipoxygenase-Inhibitor	2
5-Alpha-Reductase-Inhibitor	5
11B-HSD-Inhibitor	2