

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Hordeum vulgare***

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	5
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
Absorbent	1
Acarifuge	1
ACE-Inhibitor	4
Acetylcholinergic	1
Acidulant	1
Adjuvant	1
Adrenergic	1
Aldose-Reductase-Inhibitor	14
Allelochemic	5
Allelopathic	7
Allergenic	7
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	19
Anaphrodisiac	1

Activity	Chemical Count
Androgenic	2
Androgenic?	1
Anemiagenic	1
Anesthetic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	3
Anthelmintic	2
Antiacne	8
Antiacrocyanotic	1
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiadenoviral	1
Antiadrenergic	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	13
Antiaging	6
Antiakathisic	1

Activity	Chemical Count
Antialcoholic	7
Antialkali?	1
Antiallergic	6
Antialopecic	7
Antialzheimeran	7
Antiamblyopic	1
Antiamebic	1
Antianaphylactic	1
Antiandrogenic	5
Antianemic	6
Antianginal	4
Antiangiogenic	2
Antianorectic	3
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	9
Antiartherosclerotic	2
Antiarthritic	16
Antiasthmatic	8

Activity	Chemical Count
Antiasthmatic?	2
Antiatherogenic	1
Antiatherosclerotic	9
Antiautistic	1
Antibackache	2
Antibacterial	18
Antiberiberi	2
AntiBPH	1
Antibronchoconstrictor	1
Antibrucellosic	1
Anticancer	6
Anticancer (Breast)	2
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Forestomach)	2
Anticancer (Kidney)	1
Anticancer (Liver)	3
Anticancer (Lung)	1
Anticancer (Prostate)	1
Anticancer (Skin)	2

Activity	Chemical Count
Anticanker	3
Anticapillary-Fragility	4
Anticarcinogenic	3
Anticarcinomic	1
Anticardiospasmic	2
Anticariogenic	2
Anticarpal-Tunnel	2
Anticataract	8
Anticellulitic	2
Anticephalagic	3
Anticervicaldysplasic	5
AntiCFS	3
Anticheilitic	5
Antichilblain	1
Anticholinergic	1
Antichoreic	1
Anticirrhotic	2
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	4

Activity	Chemical Count
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1
Anticonvulsant	5
Anticorneotic	1
Anticoronary	7
AntiCrohn's	2
AntiCTS	1
AntiCVS	2
Anticystinuric	1
Antidandruff	4
Antidecubitic	4
Antideliriant	2
Antidementia	8
Antidepressant	11
Antidepressant?	1
Antidermatitic	6
Antidermatotic	1

Activity	Chemical Count
Antidiabetic	14
Antidiarrheic	2
Antidiscotic	1
Antidiuretic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hydrazine)	1
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	4
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1

Activity	Chemical Count
Antieczemic	5
Antiedemic	8
Antielastase	1
Antiemetic	1
Antiencephalitic	1
Antiencephalopathic	5
Antiendometriotic	2
Antiendotoxic	1
Antienterotic	1
Antienzymatic	1
Antiepileptic	6
Antierythemic	2
Antiescherichic	3
Antiesherichic	1
Antiestrogenic	2
Antifatigue	9
Antifeedant	6
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1

Activity	Chemical Count
Antifibrotic	3
Antiflu	2
Antifuruncular	1
Antigallstone	1
Antigastritic	4
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	4
Antiglaucomic	3
Antiglossitic	4
Antiglycosuric	1
Antigonadotrophic	2
Antigonadotropic	2
Antigout	2
Antigranular	1
Antigrey	1
Antihangover	5
Antiheartburn	2
Antihemolytic	2
Antihemorrhagic	2

Activity	Chemical Count
Antihemorrhoidal	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	10
Antiherpetic	7
Antiherpetic?	1
Antihistaminic	9
AntiHIV	6
Antihomocysteine	1
Antihomocystinuric	3
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	3
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	3
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	6

Activity	Chemical Count
Antihyperthyroid	2
Antihyperventilation	1
Antihypoglycemic	1
Antiichthyosic	1
Antiichthyotic	1
Antiilus?	1
Antiimpotence	1
Antiinfarctal	1
Antiinfective	1
Antiinfertility	5
Antiinflammatory	24
Antiinsomniac	5
Antiinsomniac?	1
Antiinsomnic	1
Antiischemic	2
Antikeratitic	1
Antikeshan	1
Antiketotic	2
AntiLegionella	2
Antileptic	2

Activity	Chemical Count
Antileukemic	8
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	2
Antileukotrienogenic	1
Antilipoperoxidant	2
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphedemic	1
Antilymphomic	2
Antimaculitic	6
Antimanic	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	2
AntiMeniere's	1

Activity	Chemical Count
Antimenopausal	5
Antimenorrhagic	2
Antimetaplastic	1
Antimetastatic	3
Antimigraine	7
Antimitotic	3
Antimitral-valve-prolapse	1
Antimononucleotic	1
AntiMorning-Sickness	1
AntiMS	2
AntiMSG-Sensitivity	1
Antimutagenic	15
Antimyalgic	1
Antimycoplasmotic	1
Antimyelotoxic	2
Antimyotrophic	1
Antimyocarditic	2
Antinauseant	1
Antineoplastic	1
Antinephritic	2

Activity	Chemical Count
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	5
Antineuramidase	1
Antineurasthenic	2
Antineuritic	3
Antineuropathic	7
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	5
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	2
Antiobesity	5
Antioncychomycotic	1
Antionychyotic	1
Antiophidic	3
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9

Activity	Chemical Count
Antiosteotic	1
Antiototic	1
Antioxaluric	1
Antioxidant	39
Antiozenic	1
Antipanniculopathic	2
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagic	2
Antiperiodic	1
Antiperiodontal	2
Antiperiodontitic	5
Antiperoxidant	7
Antiperoxyinitrite	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplateau	5
AntiPMS	5

Activity	Chemical Count
Antipneumonic	1
Antipodagric	1
Antipodriac	1
Antipolio	1
Antipoliomyelitic	3
Antipolyp	1
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	2
Antiproliferant	5
Antiprostaglandin	7
Antiprostataadenomic	1
Antiprostatic	4
Antiprostatotic	1
Antipsittacotic	1
Antipsoriac	3
Antipsychotic	3
Antipyretic	8
Antiradiation	1
Antiradicular	17

Activity	Chemical Count
AntiRaynaud's	4
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinotic	2
AntiReye's	1
Antirheumatic	8
Antirheumatitic?	1
Antirhinitic	1
Antischizophrenic	1
Antisclerodermic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	6
Antiseptic	13
Antiserotonin	1
Antishingles	1
Antisickling	3
Antisilicotic	1

Activity	Chemical Count
Antispere-Tire	1
Antispasmodic	12
Antispasmophilic	1
AntiSpina-Bifida	2
Antistaphylococcic	5
Antisteatotic	1
Antistomatitic	2
Antistress	4
Antistroke	3
Antisunburn	2
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antithyreotropic	1
Antithyroid	2
Antitic	1
Antitinnitic	1
AntiTMJ	1
Antitoxoplasmotic	1
Antitriglyceride	2

Activity	Chemical Count
Antitumor	16
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (GI)	1
Antitumor (Kidney)	1
Antitumor (Liver)	3
Antitumor (Lung)	4
Antitumor (Prostate)	4
Antitumor (Skin)	3
Antitumor (Stomach)	2
Antitumor-Promoter	5
Antitympanitic	1
Antiulcer	9
Antiulcerogenic	2

Activity	Chemical Count
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	2
Antiviral	8
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	7
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	4
Artemicide	2
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	2
Autotoxic	1
Bacteristat	3
Beta-Adrenergic Receptor Blocker	3

Activity	Chemical Count
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bronchorelaxant	2
Bruchiphobe	2
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	40
Candidicide	5
Capillariprotective	1
Carcinogenic	6
Cardiac	1
Cardioactive	1
Cardiodepressant	4
Cardiomyopathogenic	1
Cardioprotective	12
Cardiotonic	5
Cardiotoxic	1
Cardiovascular	1
Caspase-8-Inducer	1

Activity	Chemical Count
Catabolic	1
Cerebrotonic	1
Chelator	1
Chemopreventive	5
Cholagogue	5
Choleretic	12
Cholinergic	1
Cicatrizant	1
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	3
CNS-Stimulant	2
Co-carcinogenic	1
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Colorant	4
Comedogenic	1

Activity	Chemical Count
Comedolytic	2
COMP-Inhibitor	1
Contraceptive	2
Copper-Antagonist	1
Cosmetic	5
COX-1-Inhibitor	3
COX-2-Inhibitor	5
Curare	1
Cyanogenic	1
Cyclooxygenase-Inhibitor	4
Cytoprotective	1
Cytotoxic	6
Deodorant	1
Depressant	2
Dermatitigenic	6
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	1
Diuretic	11

Activity	Chemical Count
DME-Inhibitor	1
DNA-Active	1
DNA-Protective	1
Dopaminergic	1
Emetic	3
Emmenagogue	1
Emollient	1
Encephalopathic	1
Energizer	1
Epidermal-Stimulant	1
Epileptogenic	1
Ergogenic	1
Erythrocytogenic	1
Essential	3
Estrogenic	5
Ethanolytic	1
Expectorant	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1

Activity	Chemical Count
Flatugenic	2
FLavor	5
Fungicide	19
Fungistat	1
GABA-nergic	1
Gastroprotective	1
Glutathionigenic	1
Gonadotrophic	2
Hematopoietic	2
Hemolytic	1
Hemorrhagic	1
Hemostat	3
Hepatocarcinogenic	1
Hepatoprotective	16
Hepatotoxic	2
Hepatotropic	3
Herbicide	2
Herbistat	1
Histamine-Inhibitor	2
Hydrocholerectic	1

Activity	Chemical Count
Hypercholesterolemic	1
Hyperglycemic	2
Hypertensive	8
Hypnotic	3
Hypocalcemic	1
Hypocholesterolemic	19
Hypoglycemic	12
Hypolipidemic	4
Hypotensive	11
Hypothermic	1
Hypouricemic	1
Ileorelaxant	1
Immunomodulator	8
Immunostimulant	14
Immunosuppressant	3
Insecticide	1
Insectifuge	10
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1

Activity	Chemical Count
Interferon-Synergist	1
Interferonogenic	2
Irritant	3
Juvabional	2
Keratolytic	2
Larvostat	3
Laxative	8
Leptingenic	1
Leukotriene-Inhibitor	2
Lipotropic	3
Lipoxygenase-Inhibitor	9
Lithogenic	1
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
Lymphocytogenic	1
Lymphokinetic	1
MAO-Inhibitor	1
Memorigenic	2
Memory-Enhancer	1

Activity	Chemical Count
Metal-Chelator	3
Metastatic	1
Microvasculokinetic	2
Monoamine-Precursor	2
Mucogenic	3
Mucolytic	1
Musculotropic	3
Mutagenic	1
Myorelaxant	4
Narcotic	1
Nematicide	2
Neoplastic	1
Nephrotoxic	2
Neuroprotective	2
Neurotoxic	3
Neurotransmitter	1
NF-kB-Inhibitor	2
Nicotinic	1
NO-Genic	1
NO-Inhibitor	1

Activity	Chemical Count
Ornithine-Decarboxylase-Inhibitor	4
Osmoregulator	1
Osteogenic	1
Ovicide	1
Oviposition-Stimulant	1
Ovulant	1
Oxytocic	1
Parasiticide	1
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	6
Pesticide	41
Phagocytotic	5
Photoactive	2
Phytoalexin	2
Phytohormonal	1
Piscicide	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Preservative	1

Activity	Chemical Count
Progesteronigenic	2
Prolactinogenic	1
Prooxidant	4
Propepic	6
Prostaglandigenic	4
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Quinone-Reductase-Inducer	1
Respirodepressant	1
Retinoprotectant Optometry	1
Rodenticide	1
Scabicide	1
Schizophrenigenic	1
Secretagogue	1
Sedative	6
Serotoninerpic	3
Soap	2
Spermicide	1
Spermigenic	1

Activity	Chemical Count
Spinoconvulsant	1
Sunscreen	8
Suppository	1
Sweetener	4
Sympathomimetic	1
Taenicide	1
Teratogenic	1
Testosteronigenic	1
Thermogenic	1
Thymoprotective	1
Thyrotropic	1
Tineacide	1
Toxic	3
Tranquilizer	2
Trichomonicide	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	1
Ubiquiot	8
Ulcerogenic	3

Activity	Chemical Count
Urate-Solvent	1
Uricosuric	4
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	2
UV-Screen	2
Vasoconstrictor	3
Vasodilator	6
Vasopressor	3
Vasoprotective	2
VEGF-Inhibitor	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	8