

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Cichorium intybus

Activity	Chemical Count
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	6
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	4
Abortifacient	1
ACE-Inhibitor	4
Acetylcholinergic	1
Acidifier	1
Acidulant	1
Additive	1
Aedifuge	1
Aggregant	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	15
Allelochemic	7
Allelopathic	2
Allergenic	10
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	19
Androgenic	1
Androgenic?	1
Anemiagenic	2
Anesthetic	2
Angiotensin-Receptor-Blocker	3
Anthelmintic	3

Activity	Chemical Count
Antiacne	4
Antiacrocyanotic	1
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2
Antiadenoviral	1
Antiadhesive	1
Antiadrenergic	1
Antiaflatoxin	4
AntiAGE	1
Antiaggregant	13
Antiaging	8
Antiakathisic	1
Antialcoholic	5
Antialkalotic	1
Antiallergic	8
Antialopepic	7
Antialzheimeran	7
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	4
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	3
Antianorexic	1
Antianxiety	3

Activity	Chemical Count
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	9
Antiartherosclerotic	3
Antiarthritic	10
Antiasthmatic	5
Antiasthmatic?	2
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	8
Antibackache	2
Antibacterial	23
Antiberiberi	2
AntiBPH	1
Antibronchoconstrictor	1
Antibrucellosic	1
Anticalculic	1
Anticancer	7
Anticancer (Breast)	1
Anticancer (Colon)	2
Anticancer (Forestomach)	2
Anticancer (Kidney)	1
Anticancer (Liver)	2
Anticancer (Lung)	1
Anticancer (Prostate)	1
Anticancer (Skin)	2

Activity	Chemical Count
Anticanker	3
Anticapillary-Fragility	6
Anticarcinogenic	3
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	2
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	9
Anticellulitic	2
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Anticholinergic	1
Antichoreic	1
Anticirrhotic	2
Anticlastogen	1
Anticlimacteric	3
Anticoagulant	2
Anticoeliac	1
Anticold	2
Anticolitic	4
Anticolitic?	1
Anticomplementary	2
Anticonvulsant	3

Activity	Chemical Count
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
AntiCVS	2
Anticystinuric	1
Anticystitic	2
Antidandruff	1
Antidecubitic	4
Antideliriant	2
Antidementia	7
Antidepressant	8
Antidermatitic	7
Antidiabetic	13
Antidiabetic?	2
Antidiarrheic	3
Antidiuretic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	3
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	2

Activity	Chemical Count
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	5
Antiedemic	11
Antielastase	3
Antiencephalitic	2
Antiencephalopathic	6
Antiencephalopathic?	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	3
Antierhythmic	3
Antiescherichic	4
Antiesherichic	1
Antiestrogenic	3
Antifatigue	7
Antifeedant	8
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	6
Antifuruncular	1
Antigallstone	2

Activity	Chemical Count
Antigastric	1
Antigastritic	5
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	4
Antiglossitic	1
Antigonadotropic	4
Antigranular	1
AntiGTF	1
Antihangover	5
Antiheartburn	2
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	2
Antihemorrhoidal	3
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	12
Antiherpetic	12
Antiherpetic?	1
Antihiccup	1
Antihistaminic	12
AntiHIV	8
AntiHIV-Integrase	2
Antihomocysteine	1

Activity	Chemical Count
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	11
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	31
Antiinsomniac	4
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antiketotic	2
AntiLegionella	2
Antileishmanic	2
Antileptic	2
Antileukemic	7
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3

Activity	Chemical Count
Antileukotriene-D4	4
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphedemic	1
Antilymphocytic	1
Antilymphomic	1
Antimaculitic	3
Antimalarial	2
Antimanic	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	4
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	3
Antimetastatic	7
Antimigraine	6
Antimitotic	3
Antimitral-valve-prolapse	1
Antimononucleotic	1
AntiMS	3

Activity	Chemical Count
Antimutagenic	20
Antimycoplasmotic	1
Antimyotrophic	1
Antimyocarditic	3
Antinauseant	1
Antineoplastic	1
Antinephritic	4
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	2
Antineuritic	2
Antineuropathic	3
Antineuropathic?	1
Antineurotic	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	7
Antinyctalopic	1
Antiobesity	5
Antiobesity?	1
Antionychyotic	1
Antiophidic	2
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8

Activity	Chemical Count
Antiosteoporotic?	1
Antiotitic	1
Antioxidant	28
Antioxidant Synergist	3
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipanniculopathic	2
Antipapillomic	1
Antiparkinsonian	5
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	5
Antiperoxyinitrite	1
Antipharyngitic	1
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	4
Antiplasmodial	1
Antiplatelet	1
AntiPMS	4

Activity	Chemical Count
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	3
Antipolyneuritic	1
Antiporphyric	1
Antiprolactin	1
Antiproliferant	6
Antiprostaglandin	4
Antiprostanoid	1
Antiprostatic	4
Antiprotozoal	1
Antipsittacotic	1
Antipsoriac	3
Antipsychotic	1
Antipurpuric	2
Antipyretic	6
Antiradicular	15
AntiRaynaud's	4
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
AntiReye's	1
Antirheumatic	5
Antirhinitic	1
Antiscoliotic	1
Antiscorbutic	1

Activity	Chemical Count
Antiscotomic	1
Antiseborrheic	4
Antiseptic	14
Antiserotonin	2
Antishingles	1
Antisickling	3
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	14
Antispasmophilic	1
Antistaphylococcic	6
Antisteatotic	1
Antistomatitic	5
Antistreptococcic	1
Antistress	5
Antistroke	2
Antisunburn	5
Antisyndrome-X	3
Antithiamin	3
Antithrombic	2
Antithrombogenic	2
Antithyreotropic	1
Antithyroid	4
Antitic	1
Antitinnitic	1
Antitoxoplasmotic	1
Antitriglyceride	1

Activity	Chemical Count
Antitrypanosomic	2
Antitubercular	2
Antitumor	20
Antitumor (Bladder)	1
Antitumor (Breast)	4
Antitumor (CNS)	1
Antitumor (Colon)	5
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (GI)	1
Antitumor (Kidney)	1
Antitumor (Liver)	2
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Prostate)	3
Antitumor (Skin)	5
Antitumor (Stomach)	1
Antitumor-Promoter	8
Antitussive	2
Antiulcer	15
Antiulcerogenic	1
Antiuremic	1
Antiuricosuric	1
AntiUTI	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	2

Activity	Chemical Count
Antivertigo	1
Antiviral	14
Antiviral?	1
Antivertilgic	1
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	6
Aphrodisiac	1
Apoptotic	6
Aromatase-Inhibitor	2
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	6
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2
Bifidogenic	1
Bitter	6
Bradycardiac	1
Bronchorelaxant	1
Bruchiphobe	3
Calcium-Antagonist	4

Activity	Chemical Count
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	34
Candidicide	4
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2
Carcinogenic	8
Cardiac	1
Cardiodepressant	4
Cardioprotective	9
Cardiotonic	4
Cardiotoxic	1
Catabolic	2
Cerebrotonic	1
Chelator	1
Chemopreventive	6
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Cholagogue	4
Choleretic	15
Cholesterolytic	1
Cholinergic	1
Circulotonic	1

Activity	Chemical Count
Clastogenic	2
CNS-Active	2
CNS-Depressant	6
CNS-Stimulant	2
Co-carcinogenic	2
Cold-preventive	1
Collagen-Sparing	3
Collagenic	2
Collyrium	1
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Convulsant	2
Copper-Antagonist	1
Copper-Chelator	2
Cosmetic	6
COX-1-Inhibitor	2
COX-2-Inhibitor	5
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	11
Deiodinase-Inhibitor	2
Demulcent	2

Activity	Chemical Count
Deodorant	1
Dermatitigenic	5
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	2
Disinfectant	1
Diuretic	16
DME-Inhibitor	1
DNA-Active	1
DNA-Protective	2
Dye	1
Emetic	3
Emmenagogue	1
Encephalopathic	1
Ergogenic	1
Essential	8
Estrogenic	5
Estrogenic?	1
Ethanolytic	1
Expectorant	3
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	2
FLavor	8
Fungicide	14
Fungistat	1

Activity	Chemical Count
Gastroprotective	3
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	2
Glutathionigenic	1
Hemolytic	1
Hemopoietic	1
Hemorrhagic	1
Hemostat	6
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	18
Hepatotonic	1
Hepatotoxic	2
Hepatotropic	2
Herbicide	4
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	2
Hypertensive	5
Hypnotic	3
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	13

Activity	Chemical Count
Hypoglycemic	12
Hypolipidemic	2
Hypotensive	16
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	1
Ileorelaxant	1
Immunomodulator	6
Immunostimulant	13
Immunosuppressant	4
iNOS-Inhibitor	3
Inotropic	3
Insecticide	2
Insectifuge	10
Insectiphile	2
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	4
JNK-Inhibitor	1
Juvabonal	4
Larvicide	1
Larvostat	4

Activity	Chemical Count
Laxative	7
Laxative?	2
Leptogenic	1
Leukotriene-Inhibitor	2
Lipolytic	1
Lipotropic	4
Lipoxygenase-Inhibitor	11
Lithogenic	1
Litholytic	2
Lubricant	3
Lyase-Inhibitor	1
Lymphocytogenic	2
Lymphokinetic	1
MAO-A-Inhibitor	2
MAO-Inhibitor	6
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
Microvasculokinetic	2
MMP-9-Inhibitor	1
Monoamine-Precursor	2
Mosquitocide	1

Activity	Chemical Count
Mucogenic	3
Mucolytic	1
Musculotropic	4
Mutagenic	4
Mycobactericide	2
Myoprotective	1
Myorelaxant	6
NADH-Oxidase-Inhibitor	2
Narcotic	1
Natriuretic	1
Nematicide	3
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	3
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	2
NO-Inhibitor	2
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Ovicide	1
Oviposition-Stimulant	2
Oxidant	1

Activity	Chemical Count
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Parasympathomimetic	1
Percutaneostimulant	2
Perfumery	5
Peristaltic	1
Pesticide	37
PGE2-Inhibitor	1
Phagocytotic	5
Phospholipase-Inhibitor	1
Photoactive	1
Phytoalexin	2
Phytohormonal	1
Piscicide	1
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Prebiotic	1
Preservative	2
Probiotic	1
Probiotigenic	1
Progestational	1
Prolactinogenic	1

Activity	Chemical Count
Proliferant	1
Prooxidant	3
Propepic	5
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	4
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychotropic	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	4
Radioprotective	2
Refrigerant	1
Respirodepressant	1
Rodenticide	1
Schizophrenigenic	1
Secretagogue	1
Sedative	7
Sequestrant	1
Serotonergic	2
Sialogogue	1
Soap	2
Soporific	1
Spermigenic	2
Sunscreen	10
Suppository	1
Sweetener	6
Teratologic	2

Activity	Chemical Count
Testosteronigenic	1
Thymoprotective	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	3
Tonic	1
Topoisomerase-I-Inhibitor	5
Topoisomerase-II-Inhibitor	4
Toxic	2
Tranquilizer	3
Tremorigenic	2
Tremorogenic	1
Trichomonicide	1
Triglycerigenic	1
Tumor-Promoter	2
Tumorigenic	2
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquitot	4
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	2
Uterotrophic	2
UV-Screen	2

Activity	Chemical Count
Vasodilator	12
Vasopressor	2
Vasoprotective	2
VEGF-Inhibitor	2
Vulnerary	6
Xanthine-Oxidase-Inhibitor	8