

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in Helianthus tuberosus**

Activity	Chemical Count
Abortifacient	1
Absorbent	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidulant	1
Acnegenic	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldose-Reductase-Inhibitor	1
Allergenic	2
Analgesic	4
Androgenic	1
Androgenic?	1
Angiotensin-Receptor-Blocker	3
Antiacid	1
Antiacne	2
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1

Activity	Chemical Count
AntiAGE	1
Antiaggregant	2
Antiaging	2
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	3
Antialopepic	1
Antialzheimeran	5
Antiamblyopic	1
Antianemic	3
Antianginal	2
Antiangiogenic	1
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	3

Activity	Chemical Count
Antiarteriosclerotic	1
Antiarthritic	7
Antiasthmatic	3
Antiatherosclerotic	3
Antibackache	1
Antibacterial	2
Antiberiberi	1
AntiBPH	1
Anticancer	1
Anticanker	3
Anticarcinomic	1
Anticardiospasmic	1
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Antichoreic	1

Activity	Chemical Count
Anticirrhotic	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticolitic?	1
Anticonvulsant	2
Anticoronary	3
AntiCrohn's	2
AntiCTS	1
Anticystinuric	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	6
Antidepressant?	1
Antidermatitic	1
Antidiabetic	9
Antidiabetic?	1

Activity	Chemical Count
Antidiarrheic	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	3
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	3
Antiedemic	2
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1

Activity	Chemical Count
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antifatigue	5
Antifibromyalgic	1
Antifibrotic	2
Antifuruncular	1
Antigallstone	1
Antigastritic	4
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antigoiter	1
Antihangover	4
Antiheartburn	1
Antihemorrhagic	1
Antihepatitic	2
Antihepatotic	1
Antihepatotoxic	2

Activity	Chemical Count
Antiherpetic	3
Antiherpetic?	1
Antihistaminic	2
AntiHIV	1
Antihomocysteine	1
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	7
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	3
Antiinsomniac	4
Antiinsomnic	1
Antikeratitic	1

Activity	Chemical Count
Antiketotic	1
Antileptic	2
Antileukonychic	1
Antileukoplakic	1
Antilipoperoxidant	1
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphomic	1
Antimaculitic	3
Antimanic	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	1
Antimigraine	5
Antimitral-valve-prolapse	1

Activity	Chemical Count
Antimorphinic	1
AntiMS	1
Antimutagenic	2
Antimyotrophic	1
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	4
Antiobesity?	1
Antiorchitic	1

Activity	Chemical Count
Antiosteoarthritic	2
Antiosteoporotic	8
Antiosteoporotic?	1
Antiototic	1
Antioxidant	9
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	6
Antiparotitic	1
Antipellagic	3
Antiperiodontitic	3
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplate	2
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipoliomyelitic	2

Activity	Chemical Count
Antiporphyrin	1
Antiprolactin	1
Antiproliferant	1
Antiprostaglandin	1
Antiprostatic	3
Antipruritic	1
Antipsoriac	1
Antipsychotic	1
Antipyretic	1
Antiradicular	2
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirhinitic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	3

Activity	Chemical Count
Antishingles	1
Antisickling	2
Antispare-Tire	1
Antispasmodic	4
Antispasmophilic	1
Antisteatotic	1
Antistomatitic	1
Antistress	4
Antistroke	2
Antisyndrome-X	4
Antithyrototoxic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitumor	2
Antitumor (Breast)	1
Antitumor (CNS)	1
Antitumor (Colon)	1
Antitumor (Gastric)	1
Antitumor (Lung)	2

Activity	Chemical Count
Antitumor (Prostate)	1
Antitumor (Stomach)	1
Antiulcer	8
Antiuremic	1
Antivaricose	1
Antivertigo	1
Antiviral	2
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Anxiolytic	5
Aphrodisiac	1
Apoptotic	1
Asthma-preventive	1
Astringent	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bifidogenic	1
Bruchiphobe	1

Activity	Chemical Count
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Cancer-Preventive	10
Carcinogenic	1
Cardiodepressant	1
Cardioprotective	7
Cardiotoxic	1
Cerebrotonic	1
Chemopreventive	1
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Cholinergic	1
Circulotonic	1
CNS-Depressant	1
Cold-preventive	1
Collagenic	2
Colorant	1
Contraceptive	1
Copper-Antagonist	1
COX-1-Inhibitor	1

Activity	Chemical Count
COX-2-Inhibitor	1
Deodorant	1
Dermatitigenic	1
Detoxicant	1
Detoxicant (Alcohol)	1
Diuretic	7
Emetic	1
Emmenagogue	1
Emollient	1
Ergogenic	1
Essential	8
Estrogenic	1
Ethanolytic	1
Expectorant	2
Fibrinolytic	1
Fistula-Preventive	1
FLavor	2
Fungicide	1
Gastroprotective	1
Gastrostimulant	1

Activity	Chemical Count
Glutathionigenic	1
Goitrogenic	1
Hepatoprotective	4
Hepatotoxic	1
Hyperglycemic	1
Hypertensive	1
Hyperthyroid	1
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	7
Hypoglycemic	5
Hypolipidemic	1
Hypotensive	8
Hypouricemic	1
Ileorelaxant	1
Immunomodulator	4
Immunostimulant	5
Immunosuppressant	1
Insectifuge	1

Activity	Chemical Count
Insulinase-Inhibitor	1
Insulinogenic	2
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Laxative	4
Leptingenic	1
Lipolytic	1
Lipotropic	3
Lithogenic	1
Litholytic	1
Memorigenic	1
Memory-Enhancer	1
Monoamine-Precursor	3
Mucogenic	3
Mucolytic	1
Myorelaxant	1
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	1

Activity	Chemical Count
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	1
NO-Genic	1
Osteogenic	1
Oxidant	2
Parasympathomimetic	1
Pesticide	4
Phagocytotic	1
Pituitary-Stimulant	1
Poultice	1
Prebiotic	1
Probiotic	1
Probiotigenic	1
Prolactinogenic	1
Prooxidant	2
Protisticide	1
Roborant	1
Schizophrenigenic	1
Sedative	2

Activity	Chemical Count
Serotoninerpic	2
Spermigenic	2
Sweetener	1
Testosteronigenic	1
Thymoprotective	1
Thyrotropic	1
Tranquilizer	2
Tremorigenic	1
Trichomonicide	1
Tumor-Promoter	1
Ubiquiot	1
Uricosuric	2
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Vasodilator	7
Vulnerary	2