

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Inula helenium

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
ACE-Inhibitor	1
Acidulant	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	3
Allergenic	7
Amphiglycemic?	1
Analgesic	6
Androgenic	1
Androgenic?	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	2
Anorexic	2
Anthelmintic	4
Antiacne	4
Antiacrodermatitic	1
Antiacyrodynic	1
Antiadenomic	1
Antiadrenalinic	1
Antiadrenergic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	4

Activity	Chemical Count
Antiaging	4
Antiakathistic	1
Antialcoholic	3
Antiallergic	5
Antialopepic	2
Antialzheimeran	4
Antiamblyopic	1
Antiamebic	2
Antianaphylactic	1
Antiandrogenic	1
Antianemic	3
Antianginal	2
Antiangiogenic	4
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	10
Antiasthmatic	6
Antiatherosclerotic	6
Antibacterial	10
Antibiotic	2
AntiBPH	1
Antibronchoconstrictor	1
Anticancer	1

Activity	Chemical Count
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Esophagus)?	1
Anticancer (Lung)	1
Anticanker	2
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholinergic	1
Anticirrhotic	2
Anticirrhotic?	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticolitic?	1
Anticomplementary	1
Anticonvulsant	2
Anticorneotic	1
Anticoronary	4

Activity	Chemical Count
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	2
Antidecubitic	2
Antidementia	3
Antidepressant	6
Antidermatitic	2
Antidiabetic	9
Antidiabetic?	1
Antidiarrheic	1
Antidiphtheric	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidysphagic	1
Antieczemic	2
Antiedemic	5
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	1

Activity	Chemical Count
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antiescherichic	1
Antiestrogenic	2
Antifatigue	5
Antifeedant	6
Antifertility	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	1
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	1
Antigout	1
AntiGTF	1
Antihangover	3
Antihemorrhagic	1

Activity	Chemical Count
Antihepatic	1
Antihepatotoxic	4
Antiherpetic	3
Antiherpetic?	1
Antihistaminic	5
AntiHIV	3
Antihydrophobic	1
Antihyperactivity	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	5
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	13
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1
Antileishmanic	1
Antileptic	2
Antileukemic	3
Antileukonychic	1

Activity	Chemical Count
Antileukoplakic	1
Antileukotriene	2
Antileukotrienogenic	1
Antilipoperoxidant	2
Antilithic	2
Antilupus	1
AntiLyme	4
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	4
Antimalarial	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	3
Antimigraine	3
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	7
Antimyalgic	1
Antimyocarditic	1
Antinephrolytic	1

Activity	Chemical Count
Antineuralgic	1
Antineuramidase	1
Antineuropathic	1
Antineuropathic?	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	4
Antiobesity?	1
Antionychyotic	1
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiosteoporotic?	1
Antiototic	1
Antioxidant	11
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1

Activity	Chemical Count
Antiperiodontic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	1
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	3
Antiplasmodial	1
Antiplatelet	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antipsoriac	2
Antipyretic	3
Antiradicular	4
AntiRaynaud's	3

Activity	Chemical Count
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	7
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	8
Antispasmophilic	1
Antistaphylococcic	1
Antistomatitic	2
Antistreptococcic	1
Antistress	4
Antistroke	2
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitubercular	2
Antitumor	7
Antitumor (Bladder)	1

Activity	Chemical Count
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	5
Antitumor (Ovary)	1
Antitumor (Prostate)	2
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	1
Antiulcer	6
Antiulcerogenic	1
Antivaginitic	1
Antivertigo	1
Antiviral	6
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	6
AP-1-Inhibitor	1
Apoptotic	5
Artemicide	2
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1

Activity	Chemical Count
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bifidogenic	1
Bradycardiac	1
Bronchorelaxant	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	11
Candidicide	4
Capillariprotective	1
Carcinogenic	1
Cardiomyopathogenic	1
Cardioprotective	8
Cardiotoxic	2
Caspase-8-Inducer	1
Catabolic	1
Chemopreventive	1
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Cholagogue	2
Choleretic	3
Cholesterolytic	1
Circulotonic	1

Activity	Chemical Count
CNS-Depressant	2
CNS-Stimulant	1
Cold-preventive	1
Collagenic	2
Colorant	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	1
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	6
Degranulant	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Depressant	1
Dermatitigenic	3
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Diuretic	6
Encephalopathic	1

Activity	Chemical Count
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Expectorant	2
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Fungicide	7
Gastroprotective	1
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	4
Hepatoregenerative	1
Hepatotoxic	1
Herbicide	2
Herbistat	1
HIV-RT-Inhibitor	1
Hyperglycemic	1
Hypertensive	1
Hypocholesterolemic	11
Hypoglycemic	9
Hypolipidemic	2
Hypotensive	8

Activity	Chemical Count
Immunomodulator	6
Immunostimulant	8
Immunosuppressant	1
iNOS-Inhibitor	1
Inotropic	2
Insecticide	1
Insectifuge	3
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	1
Irritant	1
Juvabional	1
Larvostat	1
Laxative	3
Leptogenic	1
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	2
Lithogenic	1
Litholytic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1

Activity	Chemical Count
Mitogenic	1
MMP-9-Inhibitor	1
Molluscicide	1
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	1
Mycobactericide	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Nematicide	2
NEP-Inhibitor	1
Neuroprotective	1
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Ovulant	1
P450-Inducer	1
P450-Inhibitor	1
Paralytic	1
Perfumery	1
Pesticide	17
PGE2-Inhibitor	1
Phagocytotic	1

Activity	Chemical Count
Pheromone	1
Phospholipase-Inhibitor	1
Photoactive	1
Phytoalexin	1
Phytohormonal	1
Piscicide	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Prebiotic	1
Probiotic	1
Probiotigenic	1
Proliferant	1
Prooxidant	2
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	2
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	1
Respiroanaleptic	1
Schistosomicide	1
Schizophrenigenic	1
Secretagogue	1
Secretolytic	1
Sedative	2
Serotonergic	1
Spermicide	1

Activity	Chemical Count
Spermigenic	1
Sunscreen	1
Sweetener	1
Sympathomimetic	1
Teratologic	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	1
Tranquilizer	2
Tranquilizer?	1
Trematocide	1
Trichomonicide	3
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ubiquit	3
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Urinary-Antiseptic	1
Uterorelaxant	1
Uterosedative	1
Vasodilator	6
VEGF-Inhibitor	3
Vermifuge	2

Activity	Chemical Count
Vulnerary	2
Xanthine-Oxidase-Inhibitor	2