

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Solidago gigantea

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
ACE-Inhibitor	3
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	14
Allelochemic	2
Allelopathic	4
Allergenic	3
Alpha-Glucosidase-Inhibitor	1
Analgesic	5
Anthelmintic	1
Antiadenoviral	1
Antiaflatoxin	2
Antiaggregant	5
Antiaging	3
Antiallergic	4
Antialzheimeran	1
Antianaphylactic	1
Antiangiogenic	1
Antiapoplectic	1
Antiarrhythmic	3
Antiarthritic	2
Antiasthmatic	2
Antiatherogenic	2
Antiatherosclerotic	2
Antibacterial	13

Activity	Chemical Count
Anticancer	6
Anticancer (Colon)	1
Anticancer (Foreestomach)	1
Anticancer (Liver)	1
Anticancer (Skin)	1
Anticapillary-Fragility	2
Anticarcinogenic	2
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	3
Anticlastogen	3
Anticolitic	1
Anticomplementary	1
Anticonvulsant	1
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidementia	1
Antidepressant	2
Antidermatitic	3
Antidermatotic	1
Antidiabetic	2
Antidysmenorrhic	1
Antieczemic	1
Antiedemic	3
Antielastase	4

Activity	Chemical Count
Antiencephalitic	1
Antierythemic	1
Antiescherichic	2
Antiestrogenic	2
Antifatigue	1
Antifeedant	4
Antifertility	2
Antifibrosarcomic	1
Antiflu	4
Antigastric	1
Antigingivitic	1
Antiglaucomic	1
Antigonadotropic	2
AntiGTF	1
Antihematuric	1
Antihemolytic	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatoadenomic	1
Antihepatotoxic	8
Antiherpetic	7
Antihistaminic	5
AntiHIV	2
Antihydrophobic	1
Antihypercholesterolemic	1
Antihypertensive	2
Antihyperthyroid	1

Activity	Chemical Count
Antiichthyosic	1
Antiimplantation	1
Antiinflammatory	12
Antiischemic	2
AntiLegionella	2
Antileishmanic	1
Antileukemic	8
Antileukotriene	2
Antilipoperoxidant	1
Antilymphocytic	1
Antimalarial	2
Antimelanogenic	2
Antimelanomic	2
Antimetastatic	2
Antimitotic	1
Antimutagenic	7
Antimyocarditic	1
Antineoplastic	1
Antinephritic	1
Antineuralgic	1
Antinitrosaminic	4
Antinociceptive	4
Antioncychomycotic	1
Antiophidic	2
Antioxidant	14
Antipancreatic	1
Antiperiodic	1

Activity	Chemical Count
Antiperiodontal	1
Antiperiodontic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	7
Antipharyngitic	1
Antiplatelet	2
Antiplasmodial	1
Antiplatelet	1
AntiPMS	1
Antipodagric	1
Antipodriac	1
Antipolio	1
Antiproliferant	3
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatic	1
Antiprotozoal	1
Antipsoriac	2
Antipurpuric	2
Antipyretic	1
Antiradicular	10
Antirheumatic	1
Antiseborrheic	1
Antiseptic	6
Antiserotonin	2
Antisickling	1

Activity	Chemical Count
Antispasmodic	9
Antistaphylococcic	3
Antistomatitic	1
Antistreptococcic	1
Antisunburn	2
Antithiamin	2
Antithrombic	2
Antithrombogenic	2
Antithyroid	2
Antitrypanosomic	2
Antitumor	10
Antitumor (Bladder)	1
Antitumor (Breast)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	1
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Skin)	4
Antitumor-Promoter	7
Antitussive	2
Antitympanitic	1
Antiulcer	4
Antiulcerogenic	1
Antivaccinia	1
Antivaricose	1

Activity	Chemical Count
Antiviral	8
Antiwrinkle	1
Anxiolytic	1
Apoptotic	4
Aromatase-Inhibitor	1
Arteriodilator	1
Ascaricide	1
ATPase-Inhibitor	1
Bacteristat	1
Bradycardiac	1
Calcium-Antagonist	2
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	12
Candidicide	2
Capillarifortificant	1
Capillarigenic	2
Capillariprotective	2
Carcinogenic	4
Cardiac	1
Cardioprotective	1
Cardiotonic	1
Catabolic	2
Chemopreventive	4
Cholagogue	2
Choleretic	6

Activity	Chemical Count
Clastogenic	1
CNS-Active	1
CNS-Depressant	1
Co-carcinogenic	1
Collagen-Sparing	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	2
COX-2-Inhibitor	4
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	4
Deiodinase-Inhibitor	1
Dermatitogenic	1
Detoxicant	1
Diaphoretic	1
Diaphoretic?	3
Differentiator	1
Diuretic	5
DNA-Active	1
DNA-Protective	1
Dye	1
Estrogenic	2
Estrogenic?	1
Expectorant	1

Activity	Chemical Count
Fungicide	8
Glucosyl-Transferase-Inhibitor	1
Glutathione-Depleting	1
Hemostat	3
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	7
Hepatotonic	1
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	1
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypocholesterolemic	1
Hypoglycemic	3
Hypolipidemic	1
Hypotensive	6
ICAM-1-Inhibitor	1
Immunomodulator	1
Immunostimulant	4
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	3
Insectiphile	3

Activity	Chemical Count
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
JNK-Inhibitor	1
Juvabional	2
Keratolytic	1
Larvostat	2
Laxative	1
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	5
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mutagenic	3
Myoprotective	1
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Inhibitor	2

Activity	Chemical Count
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Pesticide	13
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Plasmodicide	1
Preservative	1
Proliferant	1
Prooxidant	1
Prostaglandigenic	4
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Radioprotective	1
Secretagogue	1
Sedative	1
Sunscreen	3
Teratologic	2
Thermogenic	1

Activity	Chemical Count
Tineacide	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	4
Tumorigenic	2
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Ulcerogenic	1
Uterosedative	1
Uterotrophic	1
Vasodilator	4
Vasopressor	2
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	3