

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Glycyrrhiza uralensis***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
ACE-Inhibitor	3
Acetylcholinergic	1
Adrenocorticotropic	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	10
Allelochemic	3
Allergenic	2
Amphiestrogenic	1
Analgesic	5
Androgenic	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	1

Activity	Chemical Count
Anorexic	2
Anthelmintic	2
Antiacetylcholinesterase	1
Antiacne	1
Antiacrodermatitic	1
AntiAddisonian	3
Antiadenomic	1
Antiadrenergic	1
Antiaflatoxin	3
Antiaggregant	6
Antiaging	1
Antiakathisic	1
Antialcoholic	3
Antiallergic	7
Antialopepic	1
Antialzheimeran	3
Antiamnesic	1
Antiamyloid-Beta	1
Antianaphylactic	4
Antiandrogenic	1

Activity	Chemical Count
Antianemic	3
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarrhythmic	4
Antiarthritic	7
Antiasthmatic	6
Antiatherogenic	1
Antiatherosclerotic	4
Antibacterial	11
AntiBPH	1
Antibronchoconstrictor	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	2

Activity	Chemical Count
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	4
Anticephalagic	2
AntiCFS	1
Anticheilitic	1
Anticholinergic	1
Anticirrhotic	3
Anticlastogen	1
Anticlimacteric	2
Anticoeliac	1
Anticold	1
Anticolitic	2
Anticomplement	1
Anticomplementary	1
Anticonvulsant	2
Anticoronary	2
AntiCrohn's	2

Activity	Chemical Count
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidementia	2
Antidepressant	6
Antidermatitic	2
Antidiabetic	7
Antidiphtheric	1
Antidiscotic	1
Antidiuretic	2
Antidote	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Camphor)	1
Antidote (Lead)	1
Antidote (Morphine)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
AntiEBV	1

Activity	Chemical Count
Antieczemic	1
Antiedemic	9
Antielastase	2
Antiencephalitic	1
Antiencephalopathic	1
Antiendometriotic	1
Antienterotic	1
Antiepileptic	3
Antierythemic	2
Antiescherichic	2
Antiestrogenic	6
Antifatigue	3
Antifeedant	7
Antifertility	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	1
Antifuruncular	1
Antigastric	1

Activity	Chemical Count
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	3
Antigonadotrophic	1
Antigonadotropic	1
AntiGTF	1
Antihangover	1
Antihelicobacter	1
Antihematuric	1
Antihemorrhoidal	1
Antihepatomic	1
Antihepatotic	1
Antihepatotoxic	9
Antiherpetic	7
Antiherpetic?	1
Antihiccup	1
Antihistaminic	2
AntiHIV	9
Antihydrophobic	1
Antihyperkinetic	2

Activity	Chemical Count
Antihyperlipoproteinaemic	1
Antihypertensive	5
Antihypoglycemic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	1
Antiinflammatory	19
Antiinsomniac	3
Antiischemic	1
Antiketotic	1
AntiLegionella	1
Antileishmanic	2
Antileptic	1
Antileukemic	6
Antileukonychic	1
Antileukotriene	2
Antileukotrienogenic	1
Antilipoperoxidant	1
Antilithic	1
AntiLyme	1

Activity	Chemical Count
Antilymphomic	2
Antimaculitic	1
Antimalarial	4
Antimastalgic	1
Antimelanomic	5
Antimenopausal	2
Antimenorrhagic	1
Antimetastatic	3
Antimigraine	1
Antimitochondrial	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	12
Antimyocarditic	1
Antinephritic	2
Antinephrolytic	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	1

Activity	Chemical Count
Antinociceptive	5
Antinyctalopic	1
Antiobesity	2
Antiophidic	1
Antiophthalmic	1
Antiosteoporotic	5
Antiototic	1
Antioxidant	14
AntiPAF	1
Antipancreatic	1
Antiparasitic	1
Antiperiodontal	1
Antiperiodontitic	2
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	2
Antiperoxidative	1
AntiPGE2	1
Antipharyngitic	1
Antiplateau	4

Activity	Chemical Count
Antiplasmodial	3
Antiplatelet	1
AntiPMS	4
Antipodriac	1
Antipolio	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	1
Antiradicular	7
AntiRaynaud's	1
Antiretinopathic	1
AntiReye's	1

Activity	Chemical Count
Antirheumatic	5
Antiseborrheic	1
Antiseptic	5
Antisickling	1
Antisindhis	1
Antispare-Tire	1
Antispasmodic	9
Antispasmophilic	1
Antistaphylococcic	1
Antistomatitic	4
Antistreptococcic	1
Antistress	2
Antistroke	2
Antisunburn	1
Antisyndrome-X	3
Antitetanic	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	1

Activity	Chemical Count
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	2
Antitumor	8
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Lung)	3
Antitumor (Ovary)	2
Antitumor (Skin)	1
Antitumor-Promoter	6
Antitussive	3
Antiulcer	11
Antiulcer?	1
Antivaccinia	2
Antivaccinic	1
Antivaricose	2
Antiviral	15

Activity	Chemical Count
Antiviral?	1
Anxiolytic	3
Aphidifuge	1
Apoptotic	7
Aromatase-Inhibitor	1
Artemicide	1
Astringent	1
Atherogenic	1
ATPase-Inhibitor	1
Bactericide	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Bradycardiac	1
Bronchorelaxant	1
Calcium-Antagonist	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	14

Activity	Chemical Count
Candidicide	3
Capillarigenic	1
Capillariprotective	3
Carcinogenic	1
Cardioprotective	3
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	2
Chemopreventive	1
Cholagogue	1
Choleretic	2
CNS-Active	1
CNS-Depressant	2
CNS-Stimulant	1
Collagenic	1
Collyrium	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	1

Activity	Chemical Count
COX-2-Inhibitor	1
Cyclin-Inhibitor	1
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Decarboxylase-Inhibitor	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	1
Differentiator	1
Diuretic	5
Embryotoxic	1
Emetic	1
Ergogenic	2

Activity	Chemical Count
Estrogenic	7
Estrogenic?	1
Expectorant	2
Febrifuge	1
Flatugenic	2
FLavor	1
Fungicide	8
Fungistat	2
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemoglobin-Inducer	1
Hemolytic	1
Hemostat	2
Hepatomagenic	2
Hepatoprotective	8
Herbicide	1
Herbicide-Safener	1
HIV-RT-Inhibitor	1
Hypercholesterolemic	1
Hyperglycemic	1

Activity	Chemical Count
Hypertensive	4
Hypocholesterolemic	6
Hypoglycemic	4
Hypolipidemic	2
Hypotensive	8
Immunomodulator	5
Immunostimulant	5
Immunosuppressant	2
iNOS-Inhibitor	1
Inotropic	1
Insecticide	1
Insectiphile	2
Insulinogenic	3
Interferonogenic	3
Irritant	1
Juvabional	2
Larvostat	2
Laxative	3
Leptinogenic	1
Lipoxygenase-Inhibitor	3

Activity	Chemical Count
Litholytic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	10
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Mineral-Corticoid	3
Mitogenic	1
MMP-9-Inhibitor	1
Mucogenic	1
Musculotropic	1
Mutagenic	2
Mycobactericide	1
Myoprotective	1
Myorelaxant	5
NADH-Oxidase-Inhibitor	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2

Activity	Chemical Count
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	2
PAF-Inhibitor	1
Pancreaprotective	1
PDGF-Inhibitor	1
Peroxidase-Inhibitor	1
Pesticide	22
PGE2-Inhibitor	1
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	5
Phytohormonal	1
Pigment	1
Plasmodicide	1

Activity	Chemical Count
Preservative	1
Proliferant	1
Prooxidant	1
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Pseudoaldosteronistic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	1
Quinone-Reductase-Inhibitor	1
Radioprotective	1
Reverse-Transcriptase-Inhibitor	1
Schizophrenigenic	1
Secretagogue	1
Serotonin-Inhibitor	1
Spermicide	1
Spermigenic	1
Sunscreen	1
Sweetener	5

Activity	Chemical Count
Teratogenic	1
Teratologic	1
Testosteronigenic	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Tranquilizer	2
Trichomonicide	1
Triglycerigenic	1
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	1
Uricogenic	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
VAM-Stimulant	1
Vasodilator	5

Activity	Chemical Count
Vasopressor	1
Vasorelaxant	1
VEGF-Inhibitor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	6