

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Pueraria montana

Activity	Chemical Count
11B-HSD-Inhibitor	2
12-Lipoxygenase-Inhibitor	1
17-beta-hydroxysteroid dehydrogenase-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
ABeta-Inhibitor	1
Abortifacient	2
Absorbent	1
Acaricide	1
Additive	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	9
Allelochemic	2
Allelopathic	1
Allergenic	5
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	2
Analgesic	4
Androgenic	1
Anesthetic	3
Angiogenic	1
Angiotensin-Receptor-Blocker	2
Anorexic	1
Antiacne	2
AntiADD	1

Activity	Chemical Count
Antiaddictive	1
Antiadenomic	1
Antiadrenergic	1
Antiaflatoxin	2
Antiaggregant	9
Antiaging	2
Antiakathisic	1
Antialcoholic	4
Antiallergic	6
Antialopepic	2
Antialzheimeran	3
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	3
Antianemic	1
Antianginal	1
Antiangiogenic	3
Antianorectic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavivotic	1
Antiarachidonate	1
Antiarrhythmic	6
Antiarteriosclerotic	1
Antiarthritic	5
Antiasthmatic	3
Antiatherogenic	2

Activity	Chemical Count
Antiatherosclerotic	7
Antiazotemic	1
Antibacterial	11
Anticancer	3
Anticancer (Breast)	2
Anticancer (Cervix)	1
Anticancer (Lung)	2
Anticanker	1
Anticapillary-Fragility	2
Anticarcinogenic	1
Anticarcinomic (Breast)	2
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	3
Anticephalagic	6
Anticervicaldysplasic	1
AntiCFS	1
Anticheilitic	2
Antichoreic	1
Anticirrhotic	1
Anticlastogen	2
Anticlimacteric	4
Anticolitic	2
Anticomplementary	2
Anticonvulsant	3
Anticoronary	2
AntiCrohn's	1

Activity	Chemical Count
AntiCVI	1
Anticystinuric	1
Anticystitic	1
Antidandruff	1
Antideafness	1
Antidecubitic	1
Antidementia	3
Antidepressant	5
Antidermatitic	4
Antidiabetic	7
Antidipsomaniac	2
Antidiuretic	1
Antidote (Aluminum)	1
Antidote (Iodine)	1
Antidote (Lead)	1
Antidote (Strychnine)	1
Antidyskinetic	1
Antidysmenorrheic	1
Antieczemic	1
Antiedemic	4
Antielastase	1
Antiencephalitic	1
Antiendocytotic	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	1
Antierhythmic	1

Activity	Chemical Count
Antiescherichic	1
Antiastrogenic	6
Antifatigue	2
Antifeedant	6
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antiflu	2
Antigastric	1
Antigastric	1
Antigenotoxic	2
Antiglaucomic	2
Antiglossitic	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
AntiGTF	1
Antihangover	1
Antihematuric	1
Antihemolytic	2
Antihemorrhoidal	1
Antihepatomic	1
Antihepatotoxic	5
Antiherpetic	4
Antihistaminic	5
AntiHIV	3

Activity	Chemical Count
Antihomocysteine	1
Antihydrophobic	1
Antihyperglycemic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihypoglycemic	1
Antiileus	1
Antiimplantation	2
Antiinflammatory	16
Antiinsomniac	2
Antiischemic	4
Antikeratitic	1
Antikeratotic	1
Antileishmanic	1
Antileukemic	9
Antileukotriene	2
Antileukotriene-D4	1
Antilipedemic	1
Antilipoperoxidant	1
Antilithic	1
AntiLyme	2
Antilymphomic	2
Antimalarial	2
Antimanic	1
Antimastalgic	1
Antimelanomic	5

Activity	Chemical Count
Antimenopausal	2
Antimenorrhagic	2
Antimetastatic	3
Antimicrobial	3
Antimigraine	2
Antimitogenic	1
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	10
Antimyocarditic	1
Antimyocarditis	1
Antinephritic	1
Antinephrolytic	1
Antinesidioblastosic	1
Antineuroblastomic	1
Antineurotic	1
Antinitrosaminic	2
Antinitrosating	1
Antinociceptive	4
Antiobesity	2
Antiodontalgic	1
Antiophidic	2
Antiosteoporotic	8
Antiosteosclerotic	1
Antiotitic	1
Antioxidant	20

Activity	Chemical Count
AntiPAF	1
Antipancreatitis	1
Antiparkinsonian	1
Antipellagic	1
Antipeptic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	3
Antipharyngitic	1
Antiphotophobic	1
Antiplaque	2
Antiplasmodial	1
Antiplaquet	1
AntiPMS	3
Antipodriac	1
Antipolio	1
Antiprogestational	1
Antiproliferant	5
Antiproliferative	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	3
Antiprostatic	5
Antiprotozoal	1
Antipruritic	1

Activity	Chemical Count
Antipsoriac	2
Antipurpuric	1
Antipyretic	4
Antiradicular	8
AntiRaynaud's	1
Antiretinopathic	2
Antiretroviral	1
Antirheumatic	1
Antisalmonella	2
Antiseptic	4
Antispasmodic	15
Antispasmophilic	1
Antistaphylococcic	2
Antisteatotic	1
Antistreptococcic	1
Antistress	3
Antistroke	2
Antisunburn	1
Antisyndrome-X	1
Antitachycardic	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithrombotic	1
Antithromboxane	1
Antithyroid	2
Antitic	1

Activity	Chemical Count
AntiTNF	1
Antitoxin (Strychnine)	1
Antitrypanosomic	2
Antitubercular	1
Antitumor	9
Antitumor (Bladder)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (Colon)	2
Antitumor (GI)	2
Antitumor (Lung)	4
Antitumor (Ovary)	2
Antitumor (Prostate)	1
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	4
Antiulcer	6
Antiulcer?	2
Antivaricose	1
Antivasoconstrictive	1
Antiviral	10
Antiwithdrawal	1
Antiyeast	1
Anxiolytic	6
Apifuge	1
Apoptotic	9
Aromatase-Inhibitor	5

Activity	Chemical Count
Artemicide	2
Astringent	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bruchiphobe	1
Calcium-Antagonist	3
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	20
Candidicide	3
Capillariprotective	2
Carcinogenic	2
Carcinogenic?	1
Cardiac	1
Cardiodepressant	2
Cardioprotective	5
Cardiotoxic	1
Carminative	2
Caspase-8-Inducer	1
Catabolic	2
Catechol-O-Methyltransferase-Inhibitor	1
Cerebrostimulant	1

Activity	Chemical Count
Cerebrotonic	1
Chemopreventive	4
Cholagogue	1
Choleretic	6
Cholinergic	1
CNS-Depressant	5
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	1
Coronary-Dilator	1
Cosmetic	1
COX-1-Inhibitor	3
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	5
Deiodinase-Inhibitor	2
Dermatitigenic	1
Diaphoretic?	2
Differentiator	2
Diuretic	9
DNA-Protective	1
DOPA-Decarboxylase-Inhibitor	1
Dye	1

Activity	Chemical Count
Emetic	1
Emollient	1
Enterorelaxant	1
ER-Beta-Binder	1
Estrogen-Agonist	3
Estrogenic	14
Estrogenic?	1
Expectorant	1
Febrifuge	1
Flatulent	2
FLavor	9
Fungicide	21
Fungistat	2
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemolytic	2
Hemostat	2
Hepatomagenic	2
Hepatoprotective	8
Herbicide	1
Herbicide-Safener	2
HIF-1alpha-Inhibitor	1
Histaminic	1
Histidine-Kinase-Inhibitor	1
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	1

Activity	Chemical Count
Hypocholesterolemic	15
Hypoglycemic	5
Hypolipidemic	3
Hypotensive	12
Hypouricemic	1
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Ileorelaxant	1
Immunomodulator	3
Immunostimulant	3
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	2
Insectifuge	3
Insectiphile	1
Insulinogenic	2
Interleukin-6-Inhibitor	1
Irritant	6
Juvabional	3
Keratolytic	1
Larvicide	1
Larvostat	2
Laxative	3
Lipase-Inhibitor	3
Lipotropic	1
Lipoxygenase-Inhibitor	4

Activity	Chemical Count
Litholytic	1
Lubricant	2
MAO-A-Inhibitor	1
MAO-Inhibitor	3
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
MDR-Inhibitor	2
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
Miotic	1
MMP-9-Inhibitor	1
Motor-Depressant	1
Musculotropic	1
Mutagenic	3
Myocontractant	1
Myopic	1
Myoprotective	1
Myorelaxant	7
Myotonic	1
NADH-Oxidase-Inhibitor	2
NADH-Ubiquinone-Oxidoreductase-Inhibitor	1
Natriuretic	1
Nematicide	4
Nematistat	1
NEP-Inhibitor	1

Activity	Chemical Count
Neuroprotective	3
Neurotoxic	1
Neurotransmitter	2
NF-kB-Inhibitor	3
NO-Genic	1
NO-Inhibitor	1
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	2
Oviposition-Stimulant	1
Ovulant	1
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Pancreaprotective	1
Parasympathomimetic	2
Perfume	1
Perfumery	6
Peristaltic	1
Peroxidase-Inhibitor	3
Pesticide	26
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	6
Pigment	2

Activity	Chemical Count
Pituitary-sensitizer	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Progestational	1
Proliferant	1
Prooxidant	1
Propecic	3
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	2
Protisticide	1
PTK-Inhibitor	3
Quinone-Reductase-Inducer	4
Quinone-Reductase-Inhibitor	1
Radioprotective	2
Respirotoxic	1
Rubefacient	1
Sedative	5
Sialogogue	1
Soap	1
Spasmogenic	1
Spermicide	1
Stimulant	1
Sunscreen	3
Suppository	1

Activity	Chemical Count
Suppurative	1
Teratologic	1
Termiticide	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	6
Topoisomerase-II-Inhibitor	7
Topoisomerase-II-Poison	1
Tranquilizer	4
Trichomonicide	1
Trichomonistat	1
Triglycerolytic	1
Trypanosomastat	1
Trypsin-Enhancer	1
Tumorigenic	1
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	3
Ubiquit	1
Ulcerogenic	2
Uricosuric	1
Uterorelaxant	1
Uterotrophic	5
VAM-Simulant	1
VAM-Stimulant	1
Varroacide	1
Vasodilator	10
Vasopressor	1
Vasorelaxant	1

Activity	Chemical Count
VEGF-Inhibitor	4
Vermifuge	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	4