

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Polygonum multiflorum***

Activity	Chemical Count
5-HETE-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Absorbent	1
ACE-Inhibitor	2
Acidulant	1
AGEs-Inhibitor	1
Akt-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	1
Allelopathic	1
Allergenic	2
Amphiglycemic?	1
Analgesic	7
Androgenic	1
Androgenic?	1
Anesthetic	1
Angiogenic	1

Activity	Chemical Count
Angiotensin-Receptor-Blocker	3
Anorexic	3
Antiacne	5
Antiacrodermatitic	1
Antiadenomic	1
Antiadenovirus	1
Antiadrenergic	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	5
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antiallergenic	1
Antiallergic	2
Antialopepic	1
Antialzheimeran	4
Antianaphylactic	1
Antiandrogenic	1
Antianemic	3

Activity	Chemical Count
Antianginal	1
Antiangiogenic	5
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	8
Antiasthmatic	6
Antiataxic	1
Antiatherosclerotic	5
Antibackache	1
Antibacterial	11
Antiberiberi	1
AntiBPH	1
Antibronchitic	1
Antibronchoconstrictor	1
Anticancer	4
Anticancer (Breast)	1

Activity	Chemical Count
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic	3
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	5
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Anticholinergic	1
Anticirrhotic	2
Anticlimacteric	4
Anticoagulant	1
Anticoeliac	1
Anticold	2

Activity	Chemical Count
Anticolitic	2
Anticonvulsant	1
Anticorneotic	1
Anticoronary	4
AntiCrohn's	2
AntiCTS	1
Anticytomegalovirus	2
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	4
Antidepressant	5
Antidermatitic	1
Antidiabetic	7
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Mercury)	1

Activity	Chemical Count
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antieczemic	3
Antiedemic	4
Antieicosanoid	1
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	3
Antiescherichic	1
Antiestrogenic	1
Antifatigue	6
Antifeedant	3
Antifertility	1
Antifibrinolytic	1

Activity	Chemical Count
Antifibromyalgic	1
Antifibrotic	3
Antiflu	2
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigout	1
Antihangover	3
Antiheartburn	1
Antihemorrhagic	1
Antihepatitic	1
Antihepatotoxic	4
Antiherpetic	3
Antiherpetic?	1

Activity	Chemical Count
Antihistaminic	1
AntiHIV	3
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	5
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	9
Antiinsomniac	3
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antileishmanic	1
Antileptic	2
Antileukemic	6
Antileukonychic	1

Activity	Chemical Count
Antileukoplakic	1
Antileukotriene	2
Antileukotrienogenic	1
Antilipoperoxidant	3
Antilithic	4
Antilupus	1
AntiLyme	4
Antilymphomic	3
Antimaculitic	4
Antimalarial	1
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	4
Antimitral-valve-prolapse	1

Activity	Chemical Count
Antimorphinistic	1
AntiMRSA	2
AntiMS	1
Antimutagenic	7
Antimyalgic	1
Antimyocarditic	1
Antineoplastic	2
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	1
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1

Activity	Chemical Count
Antiobesity	5
Antionychyotic	1
Antiophidic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiototic	1
Antioxidant	12
Antioxidant Synergist	1
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	2
Antiparotitic	1
Antipellagic	1
Antiperiodontitic	4
Antiperoxidant	2
Antiphotophobic	2
Antipityriasic	1
Antiplateque	4
Antiplasmodial	1

Activity	Chemical Count
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	1
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	5
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatic	2
Antiproteolytic	1
Antipsoriac	2
Antipyretic	2
Antiradicular	6
AntiRaynaud's	2
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5

Activity	Chemical Count
Antirhinitic	1
Antisarcomic	1
Antisclerodermic	1
Antiscorbutic	1
Antiseborrheic	1
Antiseptic	10
Antishingles	1
Antisilicotic	1
Antispasmodic	7
Antispasmophilic	1
Antisprout	1
Antisprue	1
Antistaphylococcic	1
Antistomatitic	1
Antistress	4
Antistroke	2
Antisyndrome-X	6
Antithrombic	1
Antitic	1

Activity	Chemical Count
Antitinnitic	1
AntiTourette's	1
Antitriglyceride	2
Antitumor	9
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	1
Antitumor (Gastric)	1
Antitumor (Lung)	5
Antitumor (Mammary)	1
Antitumor (Prostate)	3
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	1
Antitussive	1
Antiulcer	5
Antiulcerogenic	1
Antivaginitic	2

Activity	Chemical Count
Antiviral	6
Antiviral?	1
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	5
AP-1-Inhibitor	1
Apoptotic	6
Artemicide	2
Asthma-preventive	1
Astringent	2
Bacteristat	1
Beta-Adrenergic Receptor Blocker	2
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2
Bird-Repellent	1
Bronchodilator	1
Bronchorelaxant	1
Calcium-Antagonist	7
Calcium-Channel-Blocker	1
cAMP-Inhibitor	1

Activity	Chemical Count
Cancer-Preventive	10
Candidicide	5
Capillarifortificant	1
Capillarigenic	1
Carcinogenic	2
Cardiomyopathogenic	1
Cardioprotective	9
Cardiotonic	1
Cardiotoxic	1
Casein-Kinase-II-Inhibitor	1
Caspase-8-Inducer	1
Catabolic	1
Cathartic	4
Chemopreventive	2
Cholagogue	1
Choleretic	2
Cholinergic	1
CNS-Depressant	3
CNS-Stimulant	1
Cold-preventive	1

Activity	Chemical Count
Collagenase-Inhibitor	1
Collagenic	2
Colorant	1
Contraceptive	1
Copper-Antagonist	1
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	2
CYP1A1-Inhibitor	1
Cytotoxic	4
Deodorant	1
Depressant	1
Detoxicant	1
Detoxicant (Alcohol)	1
Differentiator	2
Diuretic	6
Elastase-Inhibitor	1
Emollient	1
Encephalopathic	1

Activity	Chemical Count
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	5
Febrifuge	1
Fistula-Preventive	1
Floral-Inhibitor	1
Fungicide	6
Gastroprotective	1
Genotoxic	1
Gonadotrophic	1
Gonadotropic	1
Gram(+)icide	1
Gram(-)icide	1
Hemostat	2
Hepatoprotective	7
Herbicide	1
Herbistat	1
HIF-1alpha-Inhibitor	1
Hydroperoxidase-Inhibitor	1

Activity	Chemical Count
Hypertensive	1
Hypocholesterolemic	9
Hypoglycemic	6
Hypolipidemic	2
Hypotensive	9
Hypotriglyceridemic	1
Hypouricemic	1
IKB-kinase-Inhibitor	1
Immunomodulator	7
Immunostimulant	7
Immunosuppressant	3
iNOS-Inhibitor	1
Insectifuge	1
Insulin-Sparing	1
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	1
JNK-Inhibitor	1
Keratitigenic	1
Laxative	4

Activity	Chemical Count
Leptingenic	1
Leucocytogenic	1
Lipolytic	1
Lipotropic	1
Lithogenic	1
Litholytic	2
MAO-Inhibitor	1
MAPK-Inhibitor	1
Memorigenic	1
MMP-2-Inhibitor	1
MMP-7-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	1
Myorelaxant	3
NADH-Ubiquinone-Oxidoreductase-Inhibitor	1
Nephrotoxic	1
Neuroprotective	1

Activity	Chemical Count
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	2
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Pesticide	20
PGE2-Inhibitor	1
Phagocytotic	1
Phytoalexin	2
Phytohormonal	1
Pigment	1
PKC-Inhibitor	1
PKD-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Prooxidant	2
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	2

Activity	Chemical Count
Proteinase-Inhibitor	1
PTK-Inhibitor	3
Purgative	4
Quinone-Reductase-Inducer	1
Schizophrenigenic	1
Spermicide	1
Spermigenic	1
Styptic	2
Taenicide	1
Termitifuge	1
Testosteronigenic	1
Thymoprotective	1
Tissue-Thromboplastin-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Toxic	1
Tranquilizer	2
Trichomonicide	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	2

Activity	Chemical Count
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Uterosedative	1
Vasoconstrictor	1
Vasodilator	6
Vasorelaxant	1
VEGF-Inhibitor	2
Vulnerary	2
Xanthine-Oxidase-Inhibitor	2