

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Paeonia lactiflora***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	2
5-Lipoxygenase-Inhibitor	2
ACE-Inhibitor	3
Acetylcholinergic	1
Adaptogenic	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	1
Allergenic	3
Analgesic	5
Androgenic	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	2
Anthelmintic	1

Activity	Chemical Count
Antiacne	2
Antiacrodermatitic	1
Antiadenomic	1
Antiadenovirus	1
Antiaflatoxin	2
Antiaggregant	7
Antiaging	1
Antiakathisic	1
Antialcoholic	3
Antiallergenic	2
Antiallergic	4
Antialopepic	3
Antialzheimeran	2
Antianaphylactic	3
Antiandrogenic	3
Antianemic	3
Antianginal	1
Antiangiogenic	3
Antianorectic	1
Antianorexic	1

Activity	Chemical Count
Antianxiety	2
Antiarrhythmic	3
Antiarteriosclerotic	1
Antiarthritic	7
Antiasthmatic	4
Antiatherosclerotic	4
Antibacterial	9
AntiBPH	1
Antibronchitic	2
Anticancer	3
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	2
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	2
Anticephalagic	1

Activity	Chemical Count
AntiCFS	1
Anticheilitic	1
Anticlimacteric	2
Anticoagulant	1
Anticoeliac	1
Anticold	1
Anticolitic	2
Anticomplementary	1
Anticonvulsant	2
Anticoronary	3
AntiCrohn's	2
Anticystitic	1
Antidandruff	1
Antidementia	1
Antidepressant	4
Antidermatitic	1
Antidiabetic	5
Antidiarrheic	1
Antidiscotic	1
Antidiuretic	1

Activity	Chemical Count
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antieczemic	2
Antiedemic	4
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	1
Antiendometriotic	1
Antienterotic	1
Antiepileptic	3
Antiescherichic	2
Antiestrogenic	2
Antifatigue	3
Antifeedant	2
Antifertility	2

Activity	Chemical Count
Antifibrinolytic	5
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	2
Antifuruncular	1
Antigastric	2
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
AntiGTF	1
Antihangover	1
Antihepatotoxic	4
Antiherpetic	11
Antiherpetic?	1
Antihiccup	1
Antihistaminic	3

Activity	Chemical Count
AntiHIV	4
Antihydrophobic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	5
Antihypoglycemic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	1
Antiinflammatory	11
Antiinsomniac	3
Antiketotic	1
Antileishmanic	2
Antileptic	1
Antileukemic	6
Antileukonychic	1
Antileukotriene	1
Antileukotriene-D4	1
Antilipolytic	1

Activity	Chemical Count
Antilipoperoxidant	1
Antilithic	1
AntiLyme	1
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	1
Antimalarial	1
Antimastalgic	1
Antimelanomic	1
Antimenopausal	2
Antimenorrhagic	2
Antimetastatic	2
Antimigraine	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	2
Antimutagenic	8
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1

Activity	Chemical Count
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	2
Antinociceptive	2
Antinyctalopic	1
Antiobesity	2
Antiophidic	2
Antiophthalmic	1
Antiosteoporotic	5
Antiotitic	1
Antiototic	1
Antioxidant	9
Antioxytotic	1
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2

Activity	Chemical Count
Antipharyngitic	1
Antiplateau	4
Antiplasmodial	1
AntiPMS	4
Antipodriac	1
Antipolio	2
Antiprogestational	1
Antiprolactin	1
Antiproliferant	1
Antiprostaglandin	1
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	4
Antiproteolytic	1
Antipsoriac	1
Antipyretic	3
Antiradicular	4
AntiRaynaud's	1
Antirenitic	1
Antiretinopathic	1

Activity	Chemical Count
Antirheumatic	2
Antisalmonella	1
Antiseptic	5
Antiserotonin	1
Antispasmodic	6
Antispasmophilic	1
Antistaphylococcic	4
Antistomatitic	1
Antistreptococcic	1
Antistress	3
Antistroke	2
Antisyndrome-X	3
Antithiamin	1
Antithrombic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	2
Antitumor	6

Activity	Chemical Count
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	4
Antiulcer	5
Antivaricose	1
Antivasculitic	1
Antiviral	13
Antiviral?	1
Antiyeast	1
Anxiolytic	3
Apoptotic	4
Aromatase-Inhibitor	1
Artemicide	1
Astringent	2
Atherogenic	1

Activity	Chemical Count
ATPase-Inhibitor	1
Bacteristat	2
Beta-Blocker	1
Bradycardiac	1
Bronchodilator	1
Calcium-Antagonist	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	6
Candidicide	3
Capillariprotective	1
Carcinogenic	5
Cardioprotective	3
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	1
Chelator	1
Choleretic	3
CNS-Depressant	2

Activity	Chemical Count
Collagenic	1
Collyrium	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	3
Dehydrogenase-Inhibitor	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	1
Diuretic	5
Ergogenic	1

Activity	Chemical Count
Estrogenic	3
Expectorant	2
Febrifuge	1
Flatugenic	1
FLavor	2
Floral-Inhibitor	1
Fungicide	5
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
Gram(+)-icide	2
Gram(-)-icide	2
Hemolytic	1
Hemostat	3
Hepatomagenic	1
Hepatoprotective	6
HIV-RT-Inhibitor	2
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	1
Hypocholesterolemic	5

Activity	Chemical Count
Hypoglycemic	4
Hypolipidemic	1
Hypotensive	7
Hypothermic	2
ICAM-1-Inhibitor	1
Immunomodulator	6
Immunostimulant	4
Immunosuppressant	3
iNOS-Inhibitor	2
Inotropic	2
Insectifuge	2
Insectiphile	1
Insulin-Sparing	1
Insulinogenic	3
Iodothyronine-Deiodinase-Inhibitor	1
JNK-Inhibitor	1
Juvabional	1
Larvostat	1
Laxative	2
Leptogenic	1

Activity	Chemical Count
Lipoxygenase-Inhibitor	3
Litholytic	1
Lubricant	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Molluscicide	1
Mucogenic	1
Musculotropic	1
Mutagenic	2
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	2
NEP-Inhibitor	1

Activity	Chemical Count
Nephrotoxic	1
Neuromuscular-Blocker	1
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Pesticide	19
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	1
Plasmodicide	1
Preservative	1
Proliferant	1
Prooxidant	1
Propepic	2

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Reverse-Transcriptase-Inhibitor	1
Schizophrenigenic	1
Sedative	1
Soap	1
Spermicide	1
Spermigenic	1
Styptic	1
Sweetener	1
Teratologic	2
Testosteronigenic	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	2
Tranquilizer	2

Activity	Chemical Count
Trichomonocide	1
Triglycerigenic	1
Tumorigenic	1
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Ulcerogenic	1
Uricogenic	1
Uricosuric	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
Vasodilator	6
VEGF-Inhibitor	1
Vulnerary	3
Xanthine-Oxidase-Inhibitor	4