

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

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
Acaricide	1
ACE-Inhibitor	3
Acetylcholinergic	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	6
Allelochemic	4
Allelopathic	1
Allergenic	6
Analgesic	5
Anesthetic	2
Anthelmintic	1

Activity	Chemical Count
Antiacetylcholine	1
Antiacetylcholinesterase	1
Antiacne	2
Antiadenovirus	1
Antiaflatoxin	3
Antiaggregant	3
Antiaging	1
Antialcoholic	1
Antiallergenic	2
Antiallergic	3
Antialzheimeran	1
Antialzheimeran?	1
Antianacarditic	1
Antianaphylactic	3
Antiangiogenic	2
Antiapoplectic	1
Antiarrhythmic	1
Antiarthritic	1
Antiasthmatic	3
Antiatherogenic	1

Activity	Chemical Count
Antiatherosclerotic	3
Antibacterial	15
Antibronchitic	2
Anticancer	5
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Esophagus)	1
Anticancer (Mouth)	1
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	4
Anticataract	4
Anticholinesterase	1
Anticlastogen	1
Anticolitic	2
Anticomplementary	1
Anticonvulsant	1
AntiCrohn's	1
AntiCVI	1

Activity	Chemical Count
Anticystitic	1
Antidecubitic	1
Antidementia	1
Antidepressant	1
Antidermatitic	2
Antidermatotic	1
Antidiabetic	3
Antidiarrheic	3
Antidote	1
Antidysenteric	3
Antiedemic	3
Antielastase	1
Antiemetic	1
Antiencephalitic	2
Antienteritic	1
Antierythemic	1
Antiescherichic	3
Antiestrogenic	1
Antifeedant	9
Antifertility	1

Activity	Chemical Count
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antiflu	4
Antigargantitic	1
Antigastric	1
Antigingivitic	3
Antiglaucomic	1
Antigonadotropic	1
AntiGTF	2
Antihangover	1
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatotoxic	6
Antiherpetic	6
Antihistaminic	4
AntiHIV	5
Antihydrophobic	1

Activity	Chemical Count
Antihypertensive	3
Antihyperthyroid	1
Antiimplantation	1
Antiinflammatory	11
Antiketotic	2
Antileishmanic	2
Antileukemic	2
Antileukotriene	1
Antilipolytic	1
Antilipoperoxidant	1
Antilymphocytic	1
Antimalarial	3
Antimelanomic	2
Antimetastatic	2
AntiMRSA	1
Antimutagenic	8
Antimyocarditic	1
Antinauseant	1
Antinephritic	2
Antineuralgic	1

Activity	Chemical Count
Antinitrosaminic	3
Antinociceptive	2
Antiobesity	1
Antiophidic	2
Antiotitic	2
Antioxidant	9
Antioxidant Synergist	1
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4
Antipharyngitic	2
Antiplatelet	3
Antiplasmodial	2
Antiplatelet	1
AntiPMS	1
Antipneumonic	1

Activity	Chemical Count
Antipodriac	1
Antipolio	3
Antiproliferant	3
Antiproliferative	1
Antiprostanoid	1
Antiprostatitic	1
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipurpuric	2
Antipyretic	1
Antiradicular	5
Antirenitic	1
Antirhinitic	1
Antisalmonella	2
Antiseborrheic	1
Antiseptic	11
Antiserotonin	1
Antispasmodic	12

Activity	Chemical Count
Antistaphylococcic	5
Antistomatitic	1
Antistreptococcic	2
Antisunburn	1
Antisynopic	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	2
Antithyroid	2
Antitonsilitic	1
Antitrypanosomic	2
Antitubercular	1
Antitumor	8
Antitumor (Bladder)	1
Antitumor (Breast)	1
Antitumor (Colon)	1
Antitumor (Lung)	1
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	5

Activity	Chemical Count
Antitussive	1
Antiulcer	6
Antivaginitic	1
Antivaricose	2
Antiviral	10
Antiyeast	2
Apoptotic	5
Aromatase-Inhibitor	1
Astringent	4
ATPase-Inhibitor	1
Bacteristat	3
Bradycardiac	1
Bronchodilator	1
Bruchiphobe	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	12
Candida-SAP-Inhibitor	1
Candidicide	5
Candidistat	1

Activity	Chemical Count
Capillariprotective	2
Carcinogenic	4
Cardiotonic	1
Carminative	2
Catabolic	2
Chelator	1
Chemopreventive	1
Cholagogue	1
Choleretic	4
CNS-Depressant	1
CNS-Stimulant	3
CNS-Toxic	1
Coleoptophile	1
COMT-Inhibitor	1
Convulsant	1
Copper-Chelator	2
Corrosive	1
Cosmetic	1
Counterirritant	3
COX-2-Inhibitor	2

Activity	Chemical Count
Culicide	1
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	5
Decongestant	1
Deiodinase-Inhibitor	2
Deliriant	1
Demulcent	1
Detoxicant	3
Diaphoretic?	2
Differentiator	1
Diuretic	2
Dye	1
Ecbolic	1
Emetic	2
Epileptigenic	1
Estrogenic	2
Estrogenic?	1

Activity	Chemical Count
Expectorant	5
FEMA	1
Fertility-Regulator	1
FLavor	8
Floral-Inhibitor	1
Fungicide	5
Fungistat	2
Fungitoxic	1
Glucosyl-Transferase-Inhibitor	3
Gram(+)icide	1
Gram(-)icide	1
Helicide	1
Hemopoietic	1
Hemostat	5
Hemostatic	1
Hepatomagenic	2
Hepatoprotective	8
Hepatotonic	1
Hepatotoxic	1
Herbicide	4

Activity	Chemical Count
HIV-RT-Inhibitor	3
Hyperglycemic	1
Hyperthermic	1
Hypocholesterolemic	2
Hypoglycemic	2
Hypotensive	3
ICAM-1-Inhibitor	1
Immunomodulator	2
Immunostimulant	2
Immunosuppressant	2
Inhalant	1
iNOS-Inhibitor	2
Inotropic	2
Insect-Repellent	2
Insecticide	4
Insectifuge	7
Insectiphile	3
Insulin-Sparing	1
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	1

Activity	Chemical Count
Irritant	7
JNK-Inhibitor	1
Juvabional	3
Keratitigenic	1
Larvicide	1
Larvostat	2
Laxative	1
Laxative?	1
Lipoxygenase-Inhibitor	4
MAO-A-Inhibitor	2
MAO-Inhibitor	4
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Molluscicide	2
Motor-Depressant	1
Mucolytic	1
Mutagenic	3

Activity	Chemical Count
Mycobactericide	1
Myoprotective	1
Myorelaxant	4
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	3
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	2
Osteolytic	1
Oviposition-Stimulant	1
P450-2B1-Inhibitor	2
P450-Inducer	1
P450-Inhibitor	1

Activity	Chemical Count
PAF-Inhibitor	2
Paralytic	1
Perfumery	7
Pesticide	21
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Piscicide	1
Plasmodicide	1
Preservative	1
Proliferant	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	4
Radioprotective	1
Respirainhibitor	1
Respirastimulant	1
Rubefacient	1

Activity	Chemical Count
Secretolytic	1
Sedative	4
Sialogogue	1
Spasmogenic	3
Spermicide	1
Stimulant	1
Styptic	1
Sunscreen	2
Sweetener	1
Teratologic	2
TNF-alpha-Inhibitor	2
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	2
Transdermal	3
Trichomonicide	1
Tumor-Promoter	1
Tumorigenic	1

Activity	Chemical Count
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ulcerogenic	1
Uterotrophic	1
Vasodilator	4
Vasopressor	2
VEGF-Inhibitor	1
Vermicide	1
Verrucolytic	2
Vibriocide	1
Xanthine-Oxidase-Inhibitor	4