

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Rheum officinale***

<b>Activity</b>	<b>Chemical Count</b>
5-Alpha-Reductase-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Absorbent	1
Acaricide	1
ACE-Inhibitor	3
Acetylcholinergic	1
AGEs-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	2
Allelopathic	2
Allergenic	4
Alpha-Reductase-Inhibitor	1
Analgesic	4
Anemiagenic	1
Anesthetic	1
Antiadenoviral	1

<b>Activity</b>	<b>Chemical Count</b>
Antiadenovirus	1
Antiaggregant	6
Antiaging	1
Antialcoholic	1
Antiallergenic	1
Antiallergic	2
Antialopepic	2
Antianaphylactic	2
Antiandrogenic	2
Antiangiogenic	2
Antiapoplectic	1
Antiarrhythmic	1
Antiarthritic	1
Antiasthmatic	1
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	1
Antibacterial	11
Antibronchitic	1
Anticancer	3

<b>Activity</b>	<b>Chemical Count</b>
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Skin)	1
Anticapillary-Fragility	1
Anticarcinogenic	2
Anticarcinomic	2
Anticariogenic	1
Anticataract	1
Anticlastogen	1
Anticoagulant	2
Anticomplementary	1
Anticonvulsant	1
AntiCVI	1
Anticytomegalovirus	2
Antidementia	1
Antidepressant	1
Antidermatitic	1
Antidiabetic	4
Antidiarrheic	1

<b>Activity</b>	<b>Chemical Count</b>
Antidote (Iodine)	1
Antidysmenorrheic	1
AntiEBV	1
Antiedemic	3
Antielastase	1
Antienteritic	1
Antierythemic	1
Antiescherichic	2
Antiestrogenic	1
Antifeedant	2
Antifibrinolytic	2
Antiflu	2
Antigallstone	1
Antigastritic	1
Antiglaucomic	1
Antigonadotropic	1
Antihangover	1
Antihematuric	1
Antihemolytic	1
Antihemorrhoidal	1

<b>Activity</b>	<b>Chemical Count</b>
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotoxic	5
Antiherpetic	5
Antihistaminic	2
AntiHIV	4
Antihypercholesterolemic	1
Antihyperglycemic	1
Antihypertensive	1
Antihyperthyroid	1
Antiinflammatory	10
Antiketotic	2
AntiLegionella	1
Antileishmanic	1
Antileukemic	6
Antileukotriene	2
Antileukotriene-D4	1
Antilipoperoxidant	1
Antilithic	2
Antilymphomic	1

<b>Activity</b>	<b>Chemical Count</b>
Antimalarial	1
Antimelanogenic	1
Antimelanomic	1
Antimetastatic	2
Antimitotic	1
AntiMRSA	2
Antimutagenic	9
Antinauseant	1
Antineoplastic	3
Antinephritic	1
Antinesidioblastosic	1
Antinitrosaminic	3
Antinociceptive	1
Antiobesity	1
Antiophidic	1
Antioxidant	8
Antiperiodontitic	1
Antiperoxidant	5
Antiplatelet	2
Antiplatelet	1

<b>Activity</b>	<b>Chemical Count</b>
Antipolio	1
Antiproliferant	3
Antiprostaglandin	2
Antiprostatotic	1
Antiproteolytic	1
Antiprotozoal	1
Antipurpuric	1
Antiradicular	5
Antisalmonella	1
Antisarcomic	1
Antiseptic	8
Antiserotonin	1
Antispasmodic	6
Antisprout	1
Antistaphylococcic	3
Antistomatitic	1
Antisunburn	2
Antithiamin	1
Antithrombic	1
Antithrombogenic	1

<b>Activity</b>	<b>Chemical Count</b>
Antithyroid	2
Antitrypanosomic	1
Antitumor	6
Antitumor (Breast)	1
Antitumor (Colon)	2
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Prostate)	1
Antitumor (Skin)	2
Antitumor-Promoter	4
Antitussive	1
Antiulcer	4
Antiulcerogenic	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	2
Antiviral	8
Anxiolytic	1
Apoptotic	2
Artemicide	1

<b>Activity</b>	<b>Chemical Count</b>
Arteriodilator	1
Arylamine-N-Acetyltransferase-Inhibitor	1
Astringent	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	2
Bird-Repellent	1
Bronchodilator	1
Calcium-Antagonist	6
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	11
Candidicide	5
Capillariprotective	1
Carcinogenic	3
Cardiac	1
Cardiotonic	3
Catabolic	1
Cathartic	5
Chemopreventive	3
Cholagogue	2
Choleretic	5

<b>Activity</b>	<b>Chemical Count</b>
Choline-Sparing	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	1
CNS-Paralytic	1
Co-carcinogenic	1
Collagen-Sparing	1
Collagenase-Inhibitor	1
COMP-Inhibitor	1
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	2
Cytoprotective	2
Cytotoxic	7
Demulcent	1
Dermatitigenic	3
Differentiator	1
Diuretic	1
DNA-Active	1
DNA-Protective	1

<b>Activity</b>	<b>Chemical Count</b>
Emetic	1
Emollient	1
Estrogenic	3
Estrogenic?	1
Fatal	1
FLavor	3
Floral-Inhibitor	1
Fungicide	8
Genotoxic	2
Gonadotropic	1
Gram(+)icide	1
Gram(-)icide	1
Hemolytic	1
Hemostat	5
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	5
Hepatotropic	2
Herbicide	2

<b>Activity</b>	<b>Chemical Count</b>
Histamine-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	1
Hyperglycemic	1
Hypocholesterolemic	5
Hypoglycemic	2
Hypolipidemic	2
Hypotensive	1
Immunomodulator	2
Immunostimulant	6
Immunosuppressant	2
Inflammatory	1
iNOS-Inhibitor	1
Insecticide	1
Insectifuge	3
Insectiphile	1
Insulin-Sparing	1
Insulinogenic	1
Irritant	2
Juvabional	1

<b>Activity</b>	<b>Chemical Count</b>
Keratitogenic	1
Larvostat	1
Laxative	5
Leucocytogenic	1
Leukotriene-Inhibitor	1
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	1
Lubricant	1
Lyase-Inhibitor	1
Memory-Enhancer	1
Metal-Chelator	2
MMP-2-Inhibitor	1
MMP-7-Inhibitor	1
MMP-9-Inhibitor	1
Mutagenic	3
Myoprotective	1
Myorelaxant	2
Nematicide	1

<b>Activity</b>	<b>Chemical Count</b>
Neoplastic	1
Nephrotoxic	1
Neuroprotective	1
NO-Inhibitor	3
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
PAF-Inhibitor	1
Pancreatogenic	1
Percutaneostimulant	1
Perfumery	1
Peristaltic	1
Pesticide	16
PGE2-Inhibitor	1
Phagocytotic	2
Phytoalexin	1
Pigment	1
Piscicide	1
Poultice	1
Preservative	1

<b>Activity</b>	<b>Chemical Count</b>
Prooxidant	1
Propepic	2
Prostaglandigenic	2
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1
Proteinase-Inhibitor	1
Protisticide	1
PTK-Inhibitor	1
Purgative	6
Radioprotective	1
Renotoxic	1
Reverse-Transcriptase-Inhibitor	1
Sedative	1
Soap	1
Styptic	2
Sunscreen	3
Sweetener	1
Termitifuge	2
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	3

Activity	Chemical Count
Toxic	1
Trichomonicide	1
Tuberculostatic	1
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Uterosedative	1
Varroacide	1
Vasoconstrictor	2
Vasodilator	3
Vasopressor	1
Vasorelaxant	1
Vermifuge	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	4