

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Prunus spinosa***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
ACE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	6
Allelochemic	3
Allelopathic	1
Allergenic	2
Analgesic	4
Androgenic	1
Angiogenic	1
Anorexic	1
Anthelmintic	1
Antiadenomic	1
Antiadenoviral	1
Antiaflatoxin	2
Antiaggregant	5

Activity	Chemical Count
Antiaging	3
Antiallergic	4
Antialzheimeran	1
Antianaphylactic	1
Antiandrogenic	1
Antiangiogenic	1
Antiapoplectic	1
Antiarrhythmic	2
Antiarthritic	1
Antiasthmatic	1
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	2
Antibacterial	10
Anticancer	5
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1

Activity	Chemical Count
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticapillary-Fragility	2
Anticarcinogenic	2
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	3
Anticlastogen	1
Anticolitic	1
Anticomplementary	1
Anticonvulsant	1
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidementia	1
Antidepressant	2
Antidermatitic	3
Antidiabetic	3
Antidiarrheic	2
Antidysenteric	1

Activity	Chemical Count
Antidysmenorrhic	1
Antiedemic	4
Antielastase	3
Antiencephalitic	1
Antienteritic	1
Antierythemic	1
Antiescherichic	2
Antiestrogenic	3
Antifeedant	4
Antifertility	2
Antifibrosarcomic	1
Antiflu	4
Antigallstone	1
Antigastric	1
Antigastritic	1
Antigingivitic	1
Antiglaucomic	1
Antigonadotrophic	1
Antigonadotropic	2
AntiGTF	1

Activity	Chemical Count
Antihematuric	1
Antihemolytic	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatoadenomic	1
Antihepatotoxic	7
Antiherpetic	6
Antihistaminic	4
AntiHIV	3
Antihydrophobic	1
Antihypercholesterolemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	3
Antihyperthyroid	1
Antiimplantation	1
Antiinflammatory	9
Antiischemic	1
AntiLegionella	1
Antileishmanic	1
Antileukemic	5

Activity	Chemical Count
Antileukotriene	2
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	1
Antilymphocytic	1
Antilymphomic	1
Antimalarial	2
Antimelanogenic	1
Antimelanomic	2
Antimetastatic	3
Antimitotic	1
Antimutagenic	10
Antimyocarditic	1
Antineoplastic	1
Antinephritic	2
Antinitrosaminic	3
Antinociceptive	3
Antiobesity	1
Antiophidic	3
Antioxidant	10

Activity	Chemical Count
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	3
Antipharyngitic	1
Antiplatelet	2
Antiplasmodial	1
Antiplatelet	1
AntiPMS	1
Antipodriac	1
Antipolio	1
Antiprogestational	1
Antiproliferant	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatadenomic	1
Antiprostatic	2
Antiprotozoal	1

Activity	Chemical Count
Antipsoriac	1
Antipurpuric	2
Antipyretic	1
Antiradicular	7
Antirenitic	1
Antiseptic	2
Antiserotonin	2
Antispasmodic	7
Antistaphylococcic	3
Antistomatitic	1
Antistreptococcic	1
Antisunburn	2
Antithiamin	2
Antithrombic	2
Antithrombogenic	2
Antithyroid	2
Antitrypanosomic	2
Antitumor	7
Antitumor (Bladder)	1
Antitumor (Breast)	2

Activity	Chemical Count
Antitumor (Cervix)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Prostate)	1
Antitumor (Skin)	3
Antitumor-Promoter	6
Antitussive	3
Antiulcer	6
Antiulcerogenic	1
Antivaccinia	1
Antivaricose	1
Antiviral	10
Antiwrinkle	1
Anxiolytic	1
Apoptotic	4
Aromatase-Inhibitor	1
Artemicide	1

Activity	Chemical Count
Arteriodilator	1
ATPase-Inhibitor	1
Bacteristat	1
Bitter	1
Bradycardiac	1
Calcium-Antagonist	2
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	11
Candidicide	3
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2
Carcinogenic	4
Cardiac	1
Cardiotonic	1
Caspase-8-Inducer	1
Catabolic	2
Chelator	1

Activity	Chemical Count
Chemopreventive	3
Cholagogue	2
Choleretic	4
Clastogenic	1
CNS-Active	1
CNS-Depressant	1
Co-carcinogenic	1
Collagen-Sparing	1
COMT-Inhibitor	1
Copper-Chelator	2
COX-2-Inhibitor	3
Cyanogenic	1
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	3
Deiodinase-Inhibitor	1
Demulcent	1
Detoxicant	1

Activity	Chemical Count
Diaphoretic?	2
Differentiator	1
Diuretic	4
DNA-Active	1
DNA-Protective	1
Dye	1
Estrogenic	3
Estrogenic?	1
Expectorant	1
Febrifuge	1
Fungicide	5
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
Hemostat	4
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	8
Hepatotonic	1
Hepatotropic	2
Herbicide	1

Activity	Chemical Count
Histamine-Inhibitor	1
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypocholesterolemic	3
Hypoglycemic	4
Hypolipidemic	2
Hypotensive	4
ICAM-1-Inhibitor	1
Immunomodulator	1
Immunostimulant	2
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	2
Insectiphile	2
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
JNK-Inhibitor	1
Juvabonal	2

Activity	Chemical Count
Larvostat	2
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	5
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Metal-Chelator	2
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mutagenic	3
Myoprotective	1
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
NEP-Inhibitor	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Inhibitor	2

Activity	Chemical Count
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	4
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Peristaltic	1
Pesticide	11
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1
Pigment	1
Plasmodicide	1
Preservative	1
Proliferant	1
Prooxidant	2
Prostaglandigenic	2
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1

Activity	Chemical Count
Protistocide	2
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Sedative	1
Spermicide	1
Sunscreen	3
Teratologic	2
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Toxic	1
Tumorigenic	2
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquitot	1
Ulcerogenic	1
Uterosedative	1

Activity	Chemical Count
Uterotrophic	1
Vasodilator	3
Vasopressor	2
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	4