

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Spartium junceum

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	3
Vulnerary	1
VEGF-Inhibitor	3
Vasorelaxant	1
Vasodilator	4
Uterotrophic	1
Uterocontractant	1
Tyrosine-Kinase-Inhibitor	2
Tyrosinase-Inhibitor	1
Tumorigenic	2
Trypanosomastat	1
Tranquilizer	1
Toxic	1
Topoisomerase-II-Poison	1
Topoisomerase-II-Inhibitor	2
Topoisomerase-I-Inhibitor	3
TOPO-2-Inhibitor	1
TNF-alpha-Inhibitor	1
Testosterogenic	1
Termitifuge	1
Teratologic	1
Teratogenic	2
Tachycardic	1
Tachycardiagenic	1
Suppository	1
Sunscreen	1
Soap	1

Activity	Chemical Count
Sedative	1
Respirastimulant	1
Respiradepressant	1
Radioprotective	1
Quinone-Reductase-Inducer	2
PTK-Inhibitor	2
Psychoactive	1
Protein-Kinase-C-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandigenic	1
Propecic	4
Prooxidant	1
Proliferant	1
Pressor	1
Plasmodicide	1
Pituitary-sensitizer	1
Phytoalexin	2
Phospholipase-Inhibitor	1
PGE2-Inhibitor	1
Pesticide	11
Peroxidase-Inhibitor	1
Perfumery	2
Percutaneostimulant	1
P450-Inhibitor	1
P450-Inducer	1
Oxytoxic	1
Oxytocic	1

Activity	Chemical Count
Osteogenic	1
Ornithine-Decarboxylase-Inhibitor	3
NO-Synthase-Inhibitor	1
NO-Inhibitor	1
NO-Genic	1
NF-kB-Inhibitor	1
Neuroprotective	1
NEP-Inhibitor	1
Nematostat	2
Nematicide	3
Natriuretic	1
NADH-Ubiquinone-Oxidoreductase-Inhibitor	1
NADH-Oxidase-Inhibitor	1
Myorelaxant	1
Mutagenic	2
Mosquitocide	1
Molluscicide	2
MMP-9-Inhibitor	1
Metastatic	1
Metalloproteinase-Inhibitor	1
Metal-Chelator (Copper)	1
Metal-Chelator	1
MDR-Inhibitor	1
Mast-Cell-Stabilizer	1
MAO-Inhibitor	2
MAO-A-Inhibitor	1
Lyase-Inhibitor	1

Activity	Chemical Count
Lubricant	3
Lipoxygenase-Inhibitor	2
Lipase-Inhibitor	1
Leukotriene-Inhibitor	1
Laxative	2
Larvostat	1
Larvicide	1
Juvabional	1
JNK-Inhibitor	1
Irritant	2
Insulinogenic	1
Insectifuge	3
Insecticide	1
Inotropic	1
iNOS-Inhibitor	1
Immunostimulant	3
Immunomodulator	1
ICAM-1-Inhibitor	1
Hypouricemic	2
Hypotensive	5
Hypoglycemic	2
Hypocholesterolemic	6
Hypercholesterolemic	2
HIV-RT-Inhibitor	1
Histidine-Kinase-Inhibitor	1
Histamine-Inhibitor	1
Hepatotropic	1

Activity	Chemical Count
Hepatoprotective	5
Hepatomagenic	1
Hepatocarcinogenic	1
Hemostat	1
Hemolytic	1
Hallucinogenic	1
Glucosyl-Transferase-Inhibitor	1
Gastroprotective	1
Fungistat	1
Fungicide	6
FPTase-Inhibitor	1
FLavor	3
Flatulent	1
Estrogenic	3
Estrogen-Agonist	1
DOPA-Decarboxylase-Inhibitor	1
DNA-Protective	2
DNA-Active	1
Diuretic	6
Differentiator	1
Diaphoretic?	1
Dermatitigenic	1
Deiodinase-Inhibitor	1
Cytotoxic	5
Cytoprotective	1
Cytochrome-P450-1A2-Inhibitor	1
CYP1A1-Inhibitor	1

Activity	Chemical Count
Cyclooxygenase-Inhibitor	1
Curaroid	1
COX-2-Inhibitor	2
Cosmetic	2
Copper-Chelator	1
COMT-Inhibitor	1
Comedolytic	1
Collagen-Sparing	1
Co-carcinogenic	1
CNS-Depressant	1
CNS-Active	1
Clastogenic	1
Choleretic	2
Cholagogue	1
Chemopreventive	1
Cathartic	2
Catechol-O-Methyltransferase-Inhibitor	1
Catabolic	1
Caspase-9-Inhibitor	1
Caspase-3-Inhibitor	1
Cardiotonic	1
Cardioprotective	2
Cardiodepressant	1
Carcinogenic	3
Capillariprotective	1
Candidicide	2
Cancer-Preventive	9

Activity	Chemical Count
cAMP-Phosphodiesterase-Inhibitor	2
Calmodulin-Antagonist	1
Calcium-Channel-Blocker	1
Calcium-Antagonist	2
Bradycardic	1
Bradycardiac	1
Beta-Blocker	1
Bacteristat	1
ATPase-Inhibitor	1
Aromatase-Inhibitor	2
Apoptotic	3
Anxiolytic	4
Antiviral	7
Antivaccinia	1
Antiurethrotic	1
Antiulcerogenic	1
Antiulcer?	1
Antiulcer	3
Antitumor-Promoter	2
Antitumor (Stomach)	1
Antitumor (Skin)	2
Antitumor (Prostate)	1
Antitumor (Ovary)	2
Antitumor (Lung)	1
Antitumor (GI)	1
Antitumor (Colon)	2
Antitumor (Breast)	3

Activity	Chemical Count
Antitumor (Bladder)	1
Antitumor	4
Antitrypanosomic	1
Antititic	1
Antithyroid	1
Antithrombic	2
Antithiamin	2
Antitachycardic	1
Antisunburn	1
Antistress	2
Antistreptococcic	1
Antistomatitic	1
Antistaphylococcic	2
Antispasmodic	4
Antishigellic	1
Antiseptic	2
Antisalmonella	1
AntiRSV	1
Antirheumatic	2
Antiradicular	2
Antipsoriac	1
Antiprostatitic	3
Antiprostataadenomic	1
Antiprostanoid	1
Antiprostaglandin	2
Antiproliferative	1
Antiproliferant (colon)	1

Activity	Chemical Count
Antiproliferant	3
Antipolio	1
Antipodriac	1
AntiPMS	2
Antiplasmodial	1
Antiplaque	1
Antipharyngitic	1
Antiperoxidant	4
Antipermeability	1
Antiperistaltic	1
Antiperiodontitic	1
Antiperiodontal	1
Antipancreatic	1
Antioxidant	8
Antioxalate	1
Antiosteoporotic	3
Antiophidic	1
Antiobesity	2
Antinociceptive	2
Antinitrosaminic	2
Antineuroblastomic	1
Antimyocarditic	1
Antimutagenic	5
AntiMS	1
Antimitogenic	1
Antimicrobial	1
Antimetastatic	1

Activity	Chemical Count
Antimenorrhagic	1
Antimenopausal	1
Antimelanomic	2
Antimelanogenic	1
AntiMDR	1
Antimalarial	2
Antilymphomic	1
Antilithic	1
Antilipoperoxidant	1
Antileukotriene-D4	2
Antileukotriene	3
Antileukemic	4
Antileishmanic	1
AntiLegionella	1
Antiischemic	1
Antiinsomniac	1
Antiinflammatory	11
Antiimplantation	1
Antihyperthyroid	1
Antihypertensive	4
Antihyperkinetic	1
Antihyperglycemic	1
Antihypercholesterolemic	1
Antihydrophobic	1
AntiHIV	3
Antihistaminic	3
Antitherpetic	4

Activity	Chemical Count
Antihepatotoxic	2
Antihepatoadenomic	1
Antihemolytic	2
AntiGTF	1
Antigranular	1
Antigout	1
Antigonadotropic	2
Antigastric	1
Antiganglionic	1
Antiflu	3
Antifibrosarcomic	1
Antifibrinolytic	2
Antifertility	1
Antifeedant	1
Antiestrogenic	3
Antiescherichic	2
Antiendocytotic	1
Antiencephalitic	1
Antielastase	2
Antiedemic	4
Antieczemic	1
AntiEBV	1
Antidote (Lead)	1
Antidote (Aluminum)	1
Antidiabetic	2
Antidermatitic	1
Antidermatic	1

Activity	Chemical Count
Antidepressant	3
Anticystitic	1
AntiCrohn's	1
Anticoronary	1
Anticonvulsant	1
Anticomplementary	1
Anticolitic	1
Anticlimacteric	2
Anticataract	1
Anticariogenic	1
Anticarcinomic (Breast)	2
Anticarcinogenic	1
Anticancer (Breast)	1
Anticancer	1
Antibacterial	3
Antibacillary	1
Antiatherosclerotic	3
Antiatherogenic	1
Antiasthmatic	1
Antiarthritic	3
Antiartherosclerotic	1
Antiarrhythmic	4
Antianxiety	1
Antiangiogenic	4
Antiandrogenic	3
Antianaphylactic	2
Antialzheimeran	1

Activity	Chemical Count
Antiallopecic	3
Antiallergic	3
Antiaging	2
Antiaggregant	4
Antiaflatoxin	2
Antiadenoviral	1
Antiacne	1
Angiotensin-Receptor-Blocker	1
Anemiagenic	1
Analgesic	3
Alpha-Reductase-Inhibitor	2
Allergenic	3
Allelochemic	1
Aldose-Reductase-Inhibitor	4
Aldehyde-Oxidase-Inhibitor	1
Abortifacient	2
5-Lipoxygenase-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
11B-HSD-Inhibitor	1