

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

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	1
Abortifacient	2
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	1
Allergenic	3
Alpha-Reductase-Inhibitor	2
Analgesic	3
Anemiagenic	1
Angiotensin-Receptor-Blocker	1
Antiacne	1
Antiadenoviral	1
Antiaflatoxin	2
Antiaggregant	4
Antiaging	2
Antiallergic	3
Antialopepic	3
Antialzheimeran	1
Antianaphylactic	2
Antiandrogenic	3
Antiangiogenic	4
Antianxiety	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	3

Activity	Chemical Count
Antiasthmatic	1
Antiatherogenic	1
Antiatherosclerotic	3
Antibacillary	1
Antibacterial	3
Anticancer	1
Anticancer (Breast)	1
Anticarcinogenic	1
Anticarcinomic (Breast)	2
Anticariogenic	1
Anticataract	1
Anticlimacteric	2
Anticolitic	1
Anticomplementary	1
Anticonvulsant	1
Anticoronary	1
AntiCrohn's	1
Anticystitic	1
Antidepressant	3
Antidermatic	1
Antidermatitic	1
Antidiabetic	2
Antidote (Aluminum)	1
Antidote (Lead)	1
AntiEBV	1
Antieczemic	1
Antiedemic	4

Activity	Chemical Count
Antielastase	2
Antiencephalitic	1
Antiendocytotic	1
Antiescherichic	2
Antiestrogenic	3
Antifeedant	1
Antifertility	1
Antifibrinolytic	2
Antifibrosarcomic	1
Antiflu	3
Antiganglionic	1
Antigastric	1
Antigonadotropic	2
Antigout	1
Antigranular	1
AntiGTF	1
Antihemolytic	2
Antihepatoadenomic	1
Antihepatotoxic	2
Antitherpetic	4
Antihistaminic	3
AntiHIV	3
Antihydrophobic	1
Antihypercholesterolemic	1
Antihyperglycemic	1
Antihyperkinetic	1
Antihypertensive	4

Activity	Chemical Count
Antihyperthyroid	1
Antiimplantation	1
Antiinflammatory	11
Antiinsomniac	1
Antiischemic	1
AntiLegionella	1
Antileishmanic	1
Antileukemic	4
Antileukotriene	3
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	1
Antilymphomic	1
Antimalarial	2
AntiMDR	1
Antimelanogenic	1
Antimelanomic	2
Antimenopausal	1
Antimenorrhagic	1
Antimetastatic	1
Antimicrobial	1
Antimitogenic	1
AntiMS	1
Antimutagenic	5
Antimyocarditic	1
Antineuroblastomic	1
Antinitrosaminic	2

Activity	Chemical Count
Antinociceptive	2
Antiobesity	2
Antiophidic	1
Antiosteoporotic	3
Antioxalate	1
Antioxidant	8
Antipancreatic	1
Antiperiodontal	1
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4
Antipharyngitic	1
Antiplaque	1
Antiplasmodial	1
AntiPMS	2
Antipodriac	1
Antipolio	1
Antiproliferant	3
Antiproliferant (colon)	1
Antiproliferative	1
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antipsoriac	1
Antiradicular	2

Activity	Chemical Count
Antirheumatic	2
AntiRSV	1
Antisalmonella	1
Antiseptic	2
Antishigelic	1
Antispasmodic	4
Antistaphylococcic	2
Antistomatitic	1
Antistreptococcic	1
Antistress	2
Antisunburn	1
Antitachycardic	1
Antithiamin	2
Antithrombic	2
Antithyroid	1
Antitic	1
Antitrypanosomic	1
Antitumor	4
Antitumor (Bladder)	1
Antitumor (Breast)	3
Antitumor (Colon)	2
Antitumor (GI)	1
Antitumor (Lung)	1
Antitumor (Ovary)	2
Antitumor (Prostate)	1
Antitumor (Skin)	2
Antitumor (Stomach)	1

Activity	Chemical Count
Antitumor-Promoter	2
Antiulcer	3
Antiulcer?	1
Antiulcerogenic	1
Antiurethrotic	1
Antivaccinia	1
Antiviral	7
Anxiolytic	4
Apoptotic	3
Aromatase-Inhibitor	2
ATPase-Inhibitor	1
Bacteristat	1
Beta-Blocker	1
Bradycardiac	1
Bradycardic	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	9
Candidicide	2
Capillariprotective	1
Carcinogenic	3
Cardiodepressant	1
Cardioprotective	2
Cardiotonic	1
Caspase-3-Inhibitor	1

Activity	Chemical Count
Caspase-9-Inhibitor	1
Catabolic	1
Catechol-O-Methyltransferase-Inhibitor	1
Cathartic	2
Chemopreventive	1
Cholagogue	1
Choleretic	2
Clastogenic	1
CNS-Active	1
CNS-Depressant	1
Co-carcinogenic	1
Collagen-Sparing	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	1
Cosmetic	2
COX-2-Inhibitor	2
Curaroid	1
Cyclooxygenase-Inhibitor	1
CYP1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	5
Deiodinase-Inhibitor	1
Dermatitogenic	1
Diaphoretic?	1
Differentiator	1

Activity	Chemical Count
Diuretic	6
DNA-Active	1
DNA-Protective	2
DOPA-Decarboxylase-Inhibitor	1
Estrogen-Agonist	1
Estrogenic	3
Flatulent	1
FLavor	3
FPTase-Inhibitor	1
Fungicide	6
Fungistat	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Hallucinogenic	1
Hemolytic	1
Hemostat	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	5
Hepatotropic	1
Histamine-Inhibitor	1
Histidine-Kinase-Inhibitor	1
HIV-RT-Inhibitor	1
Hypercholesterolemic	2
Hypocholesterolemic	6
Hypoglycemic	2
Hypotensive	5

Activity	Chemical Count
Hypouricemic	2
ICAM-1-Inhibitor	1
Immunomodulator	1
Immunostimulant	3
iNOS-Inhibitor	1
Inotropic	1
Insecticide	1
Insectifuge	3
Insulinogenic	1
Irritant	2
JNK-Inhibitor	1
Juvabional	1
Larvicide	1
Larvostat	1
Laxative	2
Leukotriene-Inhibitor	1
Lipase-Inhibitor	1
Lipoxygenase-Inhibitor	2
Lubricant	3
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
MDR-Inhibitor	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1

Activity	Chemical Count
Metastatic	1
MMP-9-Inhibitor	1
Molluscicide	2
Mosquitocide	1
Mutagenic	2
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
NADH-Ubiquinone-Oxidoreductase-Inhibitor	1
Natriuretic	1
Nematicide	3
Nematostat	2
NEP-Inhibitor	1
Neuroprotective	1
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Oxytocic	1
Oxytoxic	1
P450-Inducer	1
P450-Inhibitor	1
Percutaneostimulant	1
Perfumery	2
Peroxidase-Inhibitor	1
Pesticide	11

Activity	Chemical Count
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	2
Pituitary-sensitizer	1
Plasmodicide	1
Pressor	1
Proliferant	1
Prooxidant	1
Propecic	4
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Psychoactive	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	2
Radioprotective	1
Respiradepressant	1
Respirastimulant	1
Sedative	1
Soap	1
Sunscreen	1
Suppository	1
Tachycardiagenic	1
Tachycardic	1
Teratogenic	2
Teratologic	1
Termitifuge	1

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