

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Harpagophytum procumbens

Activity	Chemical Count
(+)-Inotropic	1
(-)-Chronotropic	2
(-)-Inotropic	1
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
ACE-Inhibitor	2
Acetylcholinergic	1
Acidulant	1
Aggregant	1
Aldose-Reductase-Inhibitor	9
Allelochemic	1
Allergenic	7
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	9
Androgenic	1
Androgenic?	1
Anemiagenic	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	2
Anorexic	2
Antiacid	1
Antiacne	6
Antiacrodermatitic	1

Activity	Chemical Count
Antiacrodynic	1
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	5
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	6
Antialopepic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	6

Activity	Chemical Count
Antiarteriosclerotic	3
Antiarthritic	10
Antiasthmatic	4
Antiatherogenic	2
Antiatherosclerotic	7
Antibacterial	12
AntiBPH	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	2
Anticarcinogenic	3
Anticarcinomic	4
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholestatic	1

Activity	Chemical Count
Anticirrhotic	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	1
Anticomplement	2
Anticomplementary	1
Anticonvulsant	2
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2
AntiCTS	1
Antidandruff	2
Antidecubitic	2
Antidementia	3
Antidepressant	7
Antidermatic	1
Antidermatitic	1
Antidiabetic	9
Antidiabetic?	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1

Activity	Chemical Count
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidysphagic	1
AntiEBV	2
Antieczemic	3
Antiedemic	6
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	5
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antiescherichic	2
Antiestrogenic	2
Antifatigue	4
Antifeedant	4
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1

Activity	Chemical Count
Antigenotoxic	1
Antigingivitic	3
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	2
Antigout	1
Antigranular	1
Antihangover	4
Antihemolytic	2
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotoxic	8
Antitherpetic	6
Antitherpetic?	1
Antihiccup	1
Antihistaminic	9
AntiHIV	7
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1

Activity	Chemical Count
Antihypertensive	6
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	18
Antiinsomniac	3
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	2
AntiLegionella	2
Antileishmanic	1
Antileptic	2
Antileukemic	9
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	3
Antilupus	1
AntiLyme	4

Activity	Chemical Count
Antilymphocytic	1
Antilymphomic	4
Antimaculitic	4
Antimalarial	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	3
Antimigraine	3
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2
Antimutagenic	12
Antimyalgic	1
Antinauseant	1
Antinephritic	3
Antinephrolytic	1
Antineuralgic	1
Antineuramidase	1
Antineuropathic	1
Antineurotic	1
AntiNF-kB	1

Activity	Chemical Count
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	4
Antiobesity?	1
Antionychyotic	1
Antiophidic	3
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxidant	21
Antioxidant?	1
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antiperiodontic	2
Antiperiodontitic	3
Antiperoxidant	4
AntiPGE2	1
Antiphotophobic	2
Antipityriasic	1
Antiplaque	4

Activity	Chemical Count
Antiplasmodial	2
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	2
Antipoliomyelitic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiproliferative	1
Antiprostaglandin	2
Antiprostataadenomic	1
Antiprostatic	5
Antipruritic	1
Antipsoriac	1
Antipyretic	2
Antiradicular	6
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirhinitic	1
Antisarcomic	1
Antiscorbatic	1
Antiscotomic	1

Activity	Chemical Count
Antiseptic	7
Antiserotonin	1
Antishingles	1
Antisickling	2
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	9
Antispasmophilic	1
Antistaph	1
Antistaphylococcic	3
Antistomatitic	2
Antistress	4
Antistroke	2
Antisunburn	2
Antisyndrome-X	6
AntiTGF-beta	2
Antithiamin	1
Antithromboxane	1
Antithyroid	2
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	11
Antitumor (brain)	3
Antitumor (Breast)	5
Antitumor (Cervix)	2

Activity	Chemical Count
Antitumor (CNS)	1
Antitumor (Colon)	5
Antitumor (Foreestomach)	1
Antitumor (Gastric)	1
Antitumor (Kidney)	2
Antitumor (Liver)	1
Antitumor (Lung)	7
Antitumor (Ovary)	2
Antitumor (Pancreas)	2
Antitumor (Prostate)	2
Antitumor (Skin)	3
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	4
Antitussive	1
Antiulcer	9
Antiulcerogenic	2
Antiuremic	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	10
Antiviral?	1
Antivirilgic	1
Antixerophthalmic	1
Anxiolytic	7

Activity	Chemical Count
AP-1-Inhibitor	1
Aphidifuge	1
Aphrodisiac	1
Apoptotic	5
Aromatase-Inhibitor	5
Artemicide	2
Asthma-preventive	1
Astringent	1
Atherogenic	1
Autotoxic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	4
Calcium-Antagonist	6
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	20
Candidicide	3
Carcinogenic	3
Cardiomyopathogenic	1
Cardioprotective	10
Cardiotonic	2
Cardiotoxic	1
Caspase-8-Inducer	1
Chemopreventive	5
Cholagogue	2

Activity	Chemical Count
Choleretic	7
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	2
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	1
Comedolytic	1
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	5
Cyclooxygenase-Inhibitor	4
Cytoprotective	1
Cytotoxic	5
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Depressant	1
Dermatitigenic	2
Detoxicant	1

Activity	Chemical Count
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Diuretic	12
DNA-Active	1
DNA-Protective	1
Elastase-Inhibitor	2
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Essential	4
Estrogenic	4
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	3
FLavor	5
Fungicide	6
Gastroprotective	1
Gonadotrophic	1
Hemolytic	1
Hepatocarcinogenic	1
Hepatoprotective	9
Hepatotoxic	1
Hepatotropic	1
Herbicide	1

Activity	Chemical Count
Histamine-Inhibitor	2
HIV-RT-Inhibitor	1
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	2
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	12
Hypoglycemic	8
Hypolipemic	1
Hypolipidemic	2
Hypotensive	9
ICAM-1-Inhibitor	2
IKK-Inhibitor	1
Immunomodulator	8
Immunostimulant	8
Immunosuppressant	2
iNOS-Inhibitor	2
Inotropic	1
Insectifuge	4
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	2
Iodothyronine-Deiodinase-Inhibitor	3
Irritant	1
JNK-Inhibitor	1

Activity	Chemical Count
Juvabional	1
Larvostat	1
Laxative	4
Leptogenic	1
Leucocytogenic	2
Leukotriene-Inhibitor	2
Lipoxygenase-Inhibitor	9
Lithogenic	1
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
MAO-Inhibitor	1
MAPK-Inhibitor	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	2
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Monoamine-Precursor	1
Mucogenic	2
Mucolytic	1
Mutagenic	1
Myorelaxant	2
Natriuretic	1
Nematicide	2
Neoplastic	1

Activity	Chemical Count
NEP-Inhibitor	1
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	1
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	4
NO-Genic	2
NO-Inhibitor	2
Ornithine-Decarboxylase-Inhibitor	4
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	2
Oxidase-Inhibitor	1
PAF-Inhibitor	1
Percutaneostimulant	1
Perfumery	3
Pesticide	17
Phagocytotic	2
Phytoalexin	1
Piscicide	2
Pituitary-Stimulant	1
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	1

Activity	Chemical Count
Proliferant	1
Prooxidant	3
Propepic	4
Prostaglandigenic	1
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Roborant	1
Sedative	4
Serotoninerpic	1
Soap	1
Sodium-Sparing	1
Spermicide	1
Spermigenic	2
Stomachic	1
Succinoxidase-Inhibitor	1
Sunscreen	3
Suppository	1
Sweetener	4
Taenicide	1
Teratologic	1
Testosteronigenic	1

Activity	Chemical Count
Thymoprotective	1
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	2
Tranquilizer	2
Tremorigenic	1
Trichomonicide	1
Triglycerigenic	1
Trypanocide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Ubiquit	2
Ulcerogenic	1
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Uterorelaxant	1
Uterotonic	1
Uterotrophic	1
Vasodilator	8
Vasopressor	2
VEGF-Inhibitor	2
Vermifuge	1
Vulnerary	5
Xanthine-Oxidase-Inhibitor	2