

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Serenoa repens

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
ACE-Inhibitor	2
Acetylcholinergic	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	8
Allelochemic	2
Allelopathic	4
Allergenic	6
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	6
Androgenic	1
Androgenic?	1
Anemiagenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	2
Anorexic	2
Anthelmintic	3
Antiacne	5
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	5

Activity	Chemical Count
Antiadhesive	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	7
Antiaging	4
Antiakathisic	1
Antialcoholic	5
Antiallergic	7
Antialopepic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	3
Antianginal	2
Antiangiogenic	4
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavinoctic	1
Antiarrhythmic	6
Antiarteriosclerotic	2
Antiarthritic	9
Antiasthmatic	4
Antiatherogenic	1
Antiatheromic	1

Activity	Chemical Count
Antiatherosclerotic	6
Antibackache	1
Antibacterial	14
Antiberiberi	1
AntiBPH	1
Anticancer	7
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Kidney)	2
Anticancer (Liver)	1
Anticancer (Lung)	2
Anticancer (Pancreas)	4
Anticancer (Prostate)	2
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic	1
Anticarcinomic (Colon)	2
Anticarcinomic (Lung)	2
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	8
Anticephalagic	2

Activity	Chemical Count
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlastogen	2
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	1
Anticonvulsant	3
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	5
Antidermatitic	3
Antidiabetic	11
Antidiarrheic	2
Antidiscotic	1

Activity	Chemical Count
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Camphor)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Morphine)	1
Antidote (Paraquat)	1
Antidrepanocytic	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
Antiear-wax	1
AntiEBV	1
Antieczemic	3
Antiedemic	6
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	1

Activity	Chemical Count
Antiestrogenic	3
Antifatigue	6
Antifeedant	5
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1
Antigallstone	2
Antigastritic	3
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	4
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigout	1
Antigranular	1
Antihangover	5
Antiheartburn	1
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatotoxic	8
Antiherpetic	6

Activity	Chemical Count
Antiherpetic?	1
Antihistaminic	6
AntiHIV	5
Antihyperactivity	1
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	17
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	4
Antilactobacillic	1
Antileptic	2
Antileukemic	10
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	1

Activity	Chemical Count
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	1
Antilisteria	1
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	4
Antimalarial	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	4
AntiMeniere's	2
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	5
Antimigraine	4
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	12
Antimyalgic	1
Antimyocarditic	1
Antinauseant	1

Activity	Chemical Count
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	5
Antionychyotic	1
Antiophidic	3
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxalate	1
Antioxidant	26
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1

Activity	Chemical Count
Antipellagic	2
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	1
Antiperoxidant	5
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	3
Antiplatelet	1
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	1
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	5
Antiprostaglandin	2
Antiprostataadenomic	1
Antiprostatic	3
Antiprostatic	1
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	2
Antiradicular	13

Activity	Chemical Count
AntiRaynaud's	3
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
AntiReye's	1
Antirheumatic	7
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	6
Antiserotonin	2
Antishingles	1
Antisickling	3
Antispare-Tire	1
Antispasmodic	13
Antispasmophilic	1
Antistaphylococcic	2
Antistomatitic	1
Antistress	5
Antistroke	2
Antisunburn	1
Antisyndrome-X	6
Antithrombic	1
Antithrombogenic	1
Antithyroid	2
Antitic	1
Antitinnitic	1

Activity	Chemical Count
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	14
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	5
Antitumor (Prostate)	3
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	7
Antitussive	1
Antiulcer	7
Antiulcerogenic	1
Antiurethrotic	1
AntiUTI	1
Antivaricose	2
Antivertigo	1
Antiviral	12
Antiviral?	1
Antixerophthalmic	1
Antiyeast	1

Activity	Chemical Count
Anxiolytic	6
AP-1-Inhibitor	1
Apoptotic	8
Aromatase-Inhibitor	2
Arrhythmigenic	1
Artemicide	4
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	2
Calcium-Antagonist	2
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	24
Candidicide	5
Capillarigenic	1
Capillariprotective	1
Carcinogenic	3
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	7
Cardiotoxic	1

Activity	Chemical Count
Caspase-8-Inducer	1
Catabolic	1
Cataractagenic	1
Cathartic	1
Chelator	1
Chemopreventive	4
Cholagogue	1
Choleretic	8
Circulotonic	1
CNS-Depressant	3
CNS-Stimulant	1
Cold-preventive	1
Collagenic	2
Colorant	1
Comedolytic	1
Convulsant	1
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	2
COX-1-Inhibitor	3
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A1-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Demulcent	1

Activity	Chemical Count
Deodorant	1
Depressant	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	1
Diuretic	9
DNA-Protective	1
Dye	1
Emetic	1
Emollient	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	4
Estrogenic?	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	7
FPTase-Inhibitor	1
Fungicide	9
Fungistat	1

Activity	Chemical Count
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemolytic	1
Hemostat	2
Hepatomagenic	1
Hepatoprotective	7
Hepatotoxic	1
Hepatotropic	1
Herbicide	1
HIF-1alpha-Inhibitor	1
HIV-RT-Inhibitor	1
Hormonal	1
Humectant	1
Hyaluronidase-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	2
Hypertensive	1
Hypocholesterolemic	15
Hypoglycemic	8
Hypolipidemic	3
Hypotensive	11
ICAM-1-Inhibitor	2
IKK-Inhibitor	1
Immunomodulator	7
Immunostimulant	6

Activity	Chemical Count
Immunosuppressant	5
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	4
Insectifuge?	1
Insectiphile	2
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	5
JNK-Inhibitor	1
Juvabional	2
Larvostat	1
Laxative	6
Leptogenic	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	1
Lubricant	3
MAO-Inhibitor	3
MAPK-Inhibitor	1
Memorigenic	1

Activity	Chemical Count
Memory-Enhancer	1
Metal-Chelator	1
Metastatic	1
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	3
Myoprotective	1
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	5
Neoplastic	1
Nephrotoxic	1
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	4
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
P21-Inducer	1
PAF-Inhibitor	2
Percutaneostimulant	1

Activity	Chemical Count
Perfumery	5
Peristaltic	1
Pesticide	30
Phagocytotic	2
Pheromonal	1
Phytoalexin	1
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	2
Preservative	1
Progestational	1
Prooxidant	2
Propepic	4
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	2
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Purgative	1
Quinone-Reductase-Inducer	2
Radioprotective	2
Schistosomicide	1
Secretagogue	1
Sedative	4
Serotonergic	1
Soap	1

Activity	Chemical Count
Spermicide	1
Spermigenic	1
Sunscreen	3
Suppository	1
Sweetener	4
Teratologic	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	3
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	4
Tranquilizer	2
Trichomonicide	2
Tyrosinase-Inhibitor	3
Ubiquitot	6
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	2
Vasodilator	8
Vasopressor	1
VEGF-Inhibitor	2
Vulnerary	2
Xanthine-Oxidase-Inhibitor	2