

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Aspalathus linearis***

Activity	Chemical Count
(-)-Chronotropic	1
(-)-Inotropic	1
11B-HSD-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Acaricide	6
ACE-Inhibitor	8
AChE-Inhibitor	1
Acidulant	3
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	14
Allelochemic	6
Allelopathic	5
Allergenic	13
Alpha-Glucosidase-Inhibitor	1
Analgesic	11
Ancylostomicide	1
Anesthetic	9

Activity	Chemical Count
Angiotensin-Receptor-Blocker	2
Ankylostomacide	1
Anthelmintic	3
Antiacetylcholine	1
Antiacetylcholinesterase	4
Antiacne	2
Antiadenomic	1
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	9
Antiaging	3
Antiakathisic	1
Antialcoholic	2
Antiallergenic	1
Antiallergic	7
Antialzheimeran	3
Antialzheimeran?	2
Antianaphylactic	3

Activity	Chemical Count
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	1
Antianxiety	2
Antiapoplectic	1
Antiarachidonate	1
Antiarrhythmic	5
Antiarthritic	7
Antiasthmatic	7
Antiatherogenic	3
Antiatherosclerotic	7
Antibacterial	28
Antibronchitic	3
Anticancer	10
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Skin)	1
Anticanker	1

Activity	Chemical Count
Anticapillary-Fragility	1
Anticarcinogenic	3
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticariogenic	7
Anticataract	5
Anticephalagic	1
Anticervicaldysplasic	1
AntiCFS	2
Anticheilitic	1
Anticholinesterase	1
Anticlastogen	3
Anticlimacteric	3
Anticoagulant	1
Anticold	1
Anticolitic	1
Anticolitic	1
Anticomplementary	4
Anticonvulsant	6
Anticoronary	1

Activity	Chemical Count
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidecubitic	1
Antidementia	3
Antidepressant	6
Antidermatic	1
Antidermatitic	3
Antidiabetic	6
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	1
Antidote (Lead)	2
Antidote (Paraquat)	1
Antidysenteric	1
Antidyskinetic	1
Antidysmenorrheic	2
Antieczemic	2

Activity	Chemical Count
Antiedemic	5
Antielastase	3
Antiencephalitic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	2
Antierythemic	1
Antiescherichic	4
Antiesophagitic	2
Antiestrogenic	4
Antifatigue	4
Antifeedant	8
Antifertility	1
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	4
Antigallstone	1
Antigastric	1

Activity	Chemical Count
Antigastritic	1
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	3
Antiglutamaergic	1
Antigonadotropic	2
AntiGTF	1
Antihalitotic	1
Antihangover	1
Antihematuric	1
Antihemolytic	1
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotoxic	9
Antiherpetic	10
Antihistaminic	6
AntiHIV	6

Activity	Chemical Count
Antihydrocoele	1
Antihydrophobic	1
Antihypercholesterolemic	1
Antihyperkinetic	2
Antihypertensive	7
Antihyperthyroid	1
Antihypoglycemic	1
Antiincontinence	1
Antiinfarctal	1
Antiinfertility	2
Antiinflammatory	20
Antiinsomniac	2
Antiischemic	2
Antikeratotic	1
AntiLegionella	2
Antileishmanic	2
Antileptic	2
Antileukemic	8
Antileukotriene	2
Antilipolytic	1

Activity	Chemical Count
Antilipoperoxidant	1
Antilithic	3
AntiLyme	2
Antilymphomic	3
Antimaculitic	2
Antimalarial	2
Antimange	1
Antimastalgic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	5
Antimenopausal	3
Antimenorrhagic	1
Antimetastatic	2
Antimetastatic (Stomach)	1
Antimigraine	2
Antimite	1
Antimitotic	2
Antimitral-valve-prolapse	1
AntiMRSA	1

Activity	Chemical Count
AntiMS	2
Antimutagenic	20
Antimyocarditic	1
Antineoplastic	1
Antinephritic	2
Antinephrolytic	1
Antineuramidase	1
Antineuritic	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	7
Antinitrosating	1
Antinitrosic	1
Antinociceptive	5
Antiobesity	3
Antiodontalgic	1
Antionychogryphotic	1
Antiophidic	3
Antiorchitic	1
Antiosteoarthritic	1

Activity	Chemical Count
Antiosteoporotic	5
Antiosteosclerotic	1
Antiotitic	4
Antiototic	1
Antioxidant	28
Antioxidant (LDL)	1
Antipancreatic	1
Antiparkinsonian	2
Antiparotitic	1
Antipeptic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	10
Antipharyngitic	1
Antiplatelet	3
Antiplasmodial	1
Antiplatelet	1

Activity	Chemical Count
AntiPMS	4
Antipneumonic	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	1
Antiproliferant	5
Antiprostaglandin	3
Antiprostanoid	1
Antiprostatitic	2
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	4
Antipyruvetic	1
Antiradicular	16
AntiRaynaud's	2
Antirenitic	1
Antiretinopathic	1

Activity	Chemical Count
Antiretinotic	2
Antiretroviral	1
Antirheumatic	4
Antirhinitic	1
Antirhinoviral	1
Antisalmonella	5
Antiscorbutic	1
Antiseptic	17
Antiserotonin	1
Antishingles	1
Antishock	1
Antisickling	2
Antisilicotic	1
Antisinusitic	1
Antispasmodic	19
Antispasmophilic	1
Antispastic	1
Antistaphylococcic	5
Antistomatitic	1
Antistreptococcic	2

Activity	Chemical Count
Antistress	3
Antistroke	3
Antisunburn	2
Antisyndrome-X	3
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithromboxane	1
Antithyroid	2
Antitic	1
AntiTNF	1
Antitrichinosic	1
Antitrypanosomic	2
Antituberculic	1
Antitumor	15
Antitumor (Bladder)	2
Antitumor (brain)	1
Antitumor (Breast)	2
Antitumor (Colon)	5
Antitumor (Forestomach)	1

Activity	Chemical Count
Antitumor (Gastric)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	3
Antitumor (Mouth)	1
Antitumor (Ovary)	2
Antitumor (Pancreas)	2
Antitumor (Prostate)	2
Antitumor (Skin)	5
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	9
Antitussive	3
Antiulcer	6
Antiulcerogenic	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	1
Antiviral	15
Antiwrinkle	1

Activity	Chemical Count
Antiyeast	2
Anxiolytic	4
Aphidifuge	1
Apifuge	1
Apoptotic	7
Aromatase-Inhibitor	1
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	1
Ataxigenic	1
ATPase-Inhibitor	1
Bacteristat	2
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	2
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	2
Bradycardiac	1
Bronchodilator	1
Bronchoprotectant	1

Activity	Chemical Count
Bronchorelaxant	1
Calcium-Antagonist	5
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	4
Cancer-Preventive	24
Candidicide	8
Candidistat	2
Capillarigenic	1
Capillariprotective	2
Carcinogenic	6
Carcinogenic?	1
Cardiac	1
Cardiodepressant	1
Cardioprotective	5
Cardiotonic	2
Cardiotoxic	1
Carminative	3
Catabolic	2
Cataractagenic	1

Activity	Chemical Count
Chelator	1
Chemopreventive	7
Cholagogue	2
Choleretic	10
Cholesterolytic	1
Cicatrizant	1
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	4
CNS-Stimulant	1
CNS-Toxic	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	1
COMT-Inhibitor	1
Copper-Chelator	1
Counterirritant	1
COX-1-Inhibitor	2

Activity	Chemical Count
COX-2-Inhibitor	4
Culicide	2
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	8
Deiodinase-Inhibitor	2
Dentifrice	1
Deodorant	1
Dermal	1
Dermatitigenic	4
Detoxicant	2
Diaphoretic	1
Diaphoretic?	2
Differentiator	2
Diuretic	7
DNA-Active	1
DNA-Protective	1

Activity	Chemical Count
Emetic	2
Encephalopathic	1
Enterocontractant	1
Enterorelaxant	2
Enterotoxic	1
Estrogenic	2
Estrogenic?	1
Expectorant	6
Fistula-Preventive	1
FLavor	21
Floral-Inhibitor	1
Fungicide	18
Fungiphilic	1
Fungistat	2
GABA-nergic	1
Gastroirritant	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Gram(+)icide	2
Gram(-)icide	2

Activity	Chemical Count
GST-Inducer	1
Hemolytic	1
Hemostat	4
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	10
Hepatotoxic	1
Hepatotropic	2
Herbicide	5
Histamine-Inhibitor	1
Histaminic	1
HIV-RT-Inhibitor	1
Hyaluronidase-Inhibitor	1
Hydrocholerectic	1
Hypertensive	1
Hypnotic	2
Hypocholesterolemic	6
Hypoglycemic	3
Hypolipidemic	1
Hypotensive	6

Activity	Chemical Count
Hypothermic	2
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Immunomodulator	6
Immunostimulant	7
Immunosuppressant	4
Inhalant	1
iNOS-Inhibitor	2
Inotropic	1
Insect-Repellent	1
Insecticide	8
Insectifuge	14
Insectiphile	2
Insulin-Sparing	1
Insulinogenic	2
Interferonogenic	1
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	9
Juvabonal	3

Activity	Chemical Count
Keratitigenic	1
Larvicide	3
Larvostat	3
Laxative	4
Leukotriene-Inhibitor	1
Lipolytic	1
Lipoxygenase-Inhibitor	7
Lithogenic	1
Litholytic	1
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
MMP-9-Inhibitor	2
Molluscicide	1
Mosquitofuge	2

Activity	Chemical Count
Motor-Depressant	4
Mucolytic	2
Mutagenic	2
Myoprotective	1
Myorelaxant	8
NADH-Oxidase-Inhibitor	1
Narcotic	1
Nematicide	8
NEP-Inhibitor	2
Nephrotoxic	2
Neuroprotective	2
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1
NO-Inhibitor	4
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	5
Osteolytic	1
Oviposition-Stimulant	1

Activity	Chemical Count
Ozone-Scavenger	1
P450-2B1-Inhibitor	2
P450-Inducer	3
P450-Inhibitor	1
PAF-Inhibitor	1
Parasiticide	1
Perfumery	17
Peristaltic	1
Pesticide	37
PGE2-Inhibitor	1
Phagocytotic	3
Phospholipase-Inhibitor	1
Photosensitizer	1
Phytoalexin	2
Plasmodicide	1
Preservative	1
Proliferant	2
Prooxidant	5
Prostaglandigenic	5
Prostaglandin-Synthesis-Inhibitor	5

Activity	Chemical Count
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychotropic	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	1
Radioprotective	1
Rodenticide	2
Secretogogue	2
Sedative	9
Soporific	1
Spasmogenic	1
Spermicide	1
Sprout-Inhibitor	2
Styptic	1
Succinoxidase-Inhibitor	1
Sunscreen	3
Teratologic	1
Termiticide	3
Termitifuge	1

Activity	Chemical Count
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Tracheorelaxant	1
Tranquilizer	3
Transdermal	3
Trichomonicide	4
Trichomonistat	1
Trypsin-Enhancer	1
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	6
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	4
Ulcerogenic	2
Uricosuric	2
Urinary-Acidulant	1
Urinary-Antiseptic	1
Uterorelaxant	1
Uterosedative	1

Activity	Chemical Count
Varroacide	2
Vasoconstrictor	1
Vasodilator	9
Vasopressor	1
VEGF-Inhibitor	2
Vermicide	1
Vermifuge	2
Verrucolytic	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	6