

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Asparagus officinalis***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	6
5-HETE-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidulant	1
Additive	1
Adjuvant	1
Aggregant	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	4
Allelochemic	4
Allelopathic	1
Allergenic	6

Activity	Chemical Count
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	8
Androgenic	1
Androgenic?	1
Anemiagenic	2
Anesthetic	2
Angiotensin-Receptor-Blocker	3
Anorexic	2
Antiacid	1
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadrenalinic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	8
Antiaging	5
Antiakathisic	1

Activity	Chemical Count
Antialcoholic	5
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	7
Antialopepic	5
Antialzheimeran	7
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	3
Antianemic	4
Antianginal	3
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarteriosclerotic	4

Activity	Chemical Count
Antiarthritic	13
Antiasthmatic	5
Antiatherogenic	1
Antiatherosclerotic	10
Antibackache	1
Antibacterial	8
Antiberiberi	1
AntiBPH	1
Antibronchitic	1
Anticancer	4
Anticancer (Breast)	3
Anticancer (Esophagus)?	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1

Activity	Chemical Count
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	10
Anticephalagic	3
Anticervicaldysplasic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Antichorea	1
Antichoreic	2
Anticirrhotic	3
Anticirrhotic?	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticolitic?	1
Anticomplementary	1

Activity	Chemical Count
Anticonvulsant	4
Anticorneotic	1
Anticoronary	6
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystinuric	1
Anticystitic	1
Antidandruff	3
Antidecubitic	4
Antideliriant	1
Antidementia	8
Antidepressant	10
Antidepressant?	1
Antidermatitic	6
Antidiabetic	15
Antidiabetic?	2
Antidiarrheic	1
Antidiscotic	1
Antidote (Acetaminophen)	1

Activity	Chemical Count
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	3
Antidysmenorrheic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	6
Antiedemic	4
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1

Activity	Chemical Count
Antiepileptic	5
Antiepitheleomic	1
Antierythemic	1
Antiescherichic	1
Antiesophagitic	1
Antiestrogenic	1
Antifatigue	8
Antifeedant	3
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	3
Antigastrotic	1

Activity	Chemical Count
Antigingivitic	3
Antiglaucomic	3
Antiglossitic	2
Antiglycosation	1
Antiglycosuric	1
Antigonadotropic	1
Antigout	1
Antigranular	1
Antigrey	1
AntiGTF	1
Antihangover	5
Antiheartburn	1
Antihematuric	1
Antihemorrhagic	2
Antihemorrhoidal	2
Antihepatitic	2
Antihepatotic	1
Antihepatotoxic	4
Antiherpetic	7
Antiherpetic?	1

Activity	Chemical Count
Antihiccup	1
Antihistaminic	6
AntiHIV	3
Antihomocysteine	1
Antihomocystinuric	1
Antihydrocoele	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	10
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antielus?	1
Antiimplantation	1
Antiimpotence	2
Antiincontinence	1

Activity	Chemical Count
Antiinfective	1
Antiinfertility	5
Antiinflammatory	13
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	1
Antiinsulinogenic	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	2
Antileishmanic	1
Antileptic	2
Antileukemic	4
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	4
Antilipoperoxidant	2
Antilithic	4

Activity	Chemical Count
Antilupus	2
AntiLyme	5
Antilymphocytic	1
Antilymphomic	1
Antimaculitic	6
Antimalarial	2
Antimanic	4
Antimastalgic	2
Antimastitic	1
AntiMD	1
Antimeasles	1
Antimelanomic	4
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	3
Antimetastatic	5
Antimigraine	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	5

Activity	Chemical Count
Antimutagenic	7
Antimyalgic	1
Antimyelotoxic	1
Antimyocarditic	2
Antimyoclonic	1
Antinauseant	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	4
Antineuropathic?	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	2

Activity	Chemical Count
Antiobesity	5
Antiobesity?	1
Antionychogryphotic	1
Antionychyotic	1
Antiophthalmic	2
Antiorchitic	1
Antiosteoarthritic	5
Antiosteoporotic	9
Antiosteoporotic?	1
Antiotitic	1
Antiototic	1
Antioxidant	19
Antioxidant?	2
Antiozenic	1
Antipaneuritic	1
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1

Activity	Chemical Count
Antiperiodontic	1
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	5
Antiplasmodial	1
Antiplatelet	1
AntiPMS	7
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyrin	1
Antiprolactin	1

Activity	Chemical Count
Antiproliferant	7
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatitic	7
Antiprostatotic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	3
Antipsychotic	3
Antipurpuric	1
Antipyretic	2
Antipyruvetic	1
Antiradicular	8
AntiRaynaud's	3
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinopathic?	1
Antiretinotic	1
Antirheumatic	7

Activity	Chemical Count
Antirheumatitic?	1
Antirhinitic	1
Antischizophrenic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antisenility	1
Antiseptic	9
Antiserotonin	1
Antishingles	1
Antisickling	4
Antisilicotic	1
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	8
Antispasmophilic	1
Antispastic	1
AntiSpina-Bifida	1
Antistaphylococcic	1

Activity	Chemical Count
Antisteatotic	1
Antisterility	1
Antistomatitic	1
Antistreptococcic	1
Antistress	5
Antistroke	3
Antisunburn	2
Antisyndrome-X	8
Antithalassemic	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithrombotic	1
Antithromboxane-B2	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitoxemic	1
Antitriglyceride	2
Antitrypanosomic	2

Activity	Chemical Count
Antituberculic	1
Antitumor	7
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	6
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Colorectal)	1
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Prostate)	3
Antitumor (Skin)	1
Antitumor (Stomach)	2
Antitumor-Promoter	3
Antiulcer	11
Antiulcerogenic	2
Antiuremic	1
Antivaginitic	1

Activity	Chemical Count
Antivaricose	2
Antivertigo	1
Antiviral	7
Antiviral?	1
Antivitaligic	1
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	6
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	6
Aromatase-Inhibitor	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	2
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1

Activity	Chemical Count
Bifidogenic	1
Bradycardiac	1
Bruchiphobe	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	25
Cancer-Preventive?	1
Candidicide	3
Capillariprotective	2
Carcinogenic	5
Cardiodepressant	2
Cardiomyopathogenic	1
Cardioprotective	10
Cardioprotective?	1
Cardiotonic	1
Cardiotoxic	1
Catabolic	2
Cerebroprotective	1

Activity	Chemical Count
Cerebrotonic	1
Chemopreventive	2
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Choleretic	3
Cholesterolytic	1
Cholinergic	2
Circulatory-Stimulant	1
Circulotonic	2
CNS-Depressant	2
Cold-preventive	1
Collagenic	2
Collyrium	1
Colorant	4
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2

Activity	Chemical Count
Cosmetic	2
COX-1-Inhibitor	2
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Deliriant	1
Demulcent	1
Deodorant	1
Depressant	1
Dermal	1
Dermatitigenic	2
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	1
Diuretic	8
Dye	1

Activity	Chemical Count
Emetic	3
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogenic	4
Estrogenic?	1
Expectorant	2
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	8
Fumigant	1
Fungicide	5
Gastroprotective	1
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
Hematopoietic	1

Activity	Chemical Count
Hemolytic	3
Hemostat	2
Hepatomagenic	2
Hepatoprotective	10
Hepatotoxic	1
Herbicide	1
HIV-RT-Inhibitor	2
Hypercholesterolemic	4
Hyperglycemic	1
Hypertensive	2
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	17
Hypoglycemic	9
Hypolipidemic	1
Hypotensive	14
Hypotriglyceridemic	1
Hypouricemic	1
ICAM-1-Inhibitor	1

Activity	Chemical Count
Ileorelaxant	1
Immunomodulator	9
Immunostimulant	8
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	5
Insectiphile	1
Insulin-Sparing	2
Insulinase-Inhibitor	1
Insulinogenic	4
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	4
JNK-Inhibitor	1
Juvabional	2
Keratolytic	1

Activity	Chemical Count
Larvostat	2
Laxative	6
Leptingenic	1
Lipolytic	1
Lipotropic	3
Lipoxygenase-Inhibitor	4
Lithogenic	2
Litholytic	1
Lubricant	3
Lymphocytogenic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Mastogenic	1
Memorigenic	2
Memory-Enhancer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1

Activity	Chemical Count
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	1
Mutagenic	3
Myoprotective	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Natriuretic	2
Nematicide	4
Nemativoistat	1
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	4
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	3
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	1

Activity	Chemical Count
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Oviposition-Stimulant	1
Oxidant	2
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Pancreatoxic	1
Parasiticide	3
Parasympathomimetic	1
Percutaneostimulant	2
Perfumery	5
Pesticide	21
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1

Activity	Chemical Count
Pituitary-Stimulant	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Prebiotic	1
Preservative	1
Previtamin-A	1
Probiotic	1
Probiotigenic	1
Prolactinogenic	1
Proliferant	1
Prooxidant	3
Propecic	5
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	4
Protein-Kinase-C-Inhibitor	3
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	4
Radioprotective	1
Retinoprotectant Optometry	1

Activity	Chemical Count
Roborant	1
Rodenticide	4
Scabicide	1
Schizophrenigenic	1
Sedative	2
Serotoninerbic	2
Soap	2
Spermigenic	2
Sunscreen	1
Suppository	1
Sweetener	3
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Toxic	2
Tranquilizer	2
Transdermal	1

Activity	Chemical Count
Tremorigenic	1
Trichomonicide	1
Triglycerigenic	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotrophic	1
Vasodilator	13
Vasopressor	1
VEGF-Inhibitor	2
Vulnerary	3
Xanthine-Oxidase-Inhibitor	2