

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Artemisia dracunculus***

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	3
ABeta-Inhibitor	1
Abortifacient	1
Acaricide	7
ACE-Inhibitor	5
Acetylcholinergic	1
AChE-Inhibitor	1
Acidulant	1
Adenylate-Cyclase-Inhibitor	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	26
Allelochemic	10

Activity	Chemical Count
Allelopathic	9
Allergenic	25
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analeptic	2
Analgesic	27
Androgenic	1
Androgenic?	1
Anemiagenic	1
Anesthetic	13
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	6
Antiacetylcholinesterase	10
Antiacid	1
Antiacne	5
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2

Activity	Chemical Count
Antiadenomic	2
Antiadenoviral	1
Antiadenovirus	1
Antiadrenergic	1
Antiaflatoxin	5
AntiAGE	1
Antiaggregant	19
Antiaging	6
Antiakathisic	1
Antialcoholic	6
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergenic	2
Antiallergic	16
Antialopepic	2
Antialzheimeran	7
Antialzheimeran?	1
Antiamblyopic	1
Antiamnesic	1

Activity	Chemical Count
Antiamyloid-Beta	1
Antianaphylactic	5
Antiandrogenic	3
Antianemic	3
Antianginal	2
Antiangiogenic	6
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	9
Antiarthritic	9
Antiasthmatic	9
Antiasthmatic?	2
Antiatherogenic	4
Antiatherosclerotic	7
Antibacillary	2
Antibacillus	1

Activity	Chemical Count
Antibackache	1
Antibacterial	57
Antiberiberi	1
AntiBPH	1
Antibronchitic	4
Antibronchoconstrictor	1
Antibrucellosic	1
Anticancer	12
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Forestomach)	2
Anticancer (Kidney)	1
Anticancer (Liver)	2
Anticancer (Lung)	2
Anticancer (Pancreas)	1
Anticancer (Prostate)	1
Anticancer (Skin)	2
Anticanker	3
Anticapillary-Fragility	4

Activity	Chemical Count
Anticarcinogenic	4
Anticarcinomic	3
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	7
Anticarpal-Tunnel	1
Anticataract	8
Anticatarrh	2
Anticephalagic	4
Anticerebrotic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Anticholinergic	1
Anticholinesterase	2
Antichoreic	2
Anticlastogen	3
Anticlimacteric	3
Anticoagulant	1

Activity	Chemical Count
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	3
Anticomplementary	5
Anticonvulsant	9
Anticoronary	3
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	10
Antidepressant?	1
Antidermatic	1
Antidermatitic	5
Antidermatotic	1

Activity	Chemical Count
Antidiabetic	13
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidiuretic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	2
Antidote (Paraquat)	1
Antidote (Strychnine)	1
Antidysenteric	4
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	3
Antiedemic	12

Activity	Chemical Count
Antielastase	3
Antiemetic	1
Antiencephalitic	2
Antiencephalopathic	7
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antierythemic	1
Antiescherichic	8
Antiesherichic	1
Antiesophagitic	1
Antiestrogenic	7
Antifatigue	8
Antifeedant	19
Antifertility	2
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	3

Activity	Chemical Count
Antiflu	7
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	3
Antigastrotic	1
Antigenotoxic	4
Antigingivitic	1
Antiglaucomic	3
Antiglossitic	1
Antiglutamaergic	1
Antigonadotrophic	1
Antigonadotropic	4
AntiGTF	1
Antihalitotic	3
Antihangover	5
Antiheartburn	1
Antihelicobacter	3
Antihematuric	1
Antihemolytic	3

Activity	Chemical Count
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	19
Antiherpetic	16
Antiherpetic?	1
Antihiccup	1
Antihistaminic	17
AntiHIV	10
Antihydrocoele	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	11

Activity	Chemical Count
Antihyperthyroid	3
Antihypoglycemic	1
Antiichthyosic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	2
Antiincontinence	1
Antiinfective	1
Antiinfertility	3
Antiinflammatory	45
Antiinsomniac	4
Antiinsomnic	2
Antiintegrase	1
Antiischemic	3
Antikeratitic	1
Antikeratotic	1
Antiketotic	2
Antilaryngitic	2
AntiLegionella	3
Antileishmanic	3

Activity	Chemical Count
Antileptic	2
Antilethargic	2
Antileukemic	13
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	1
Antileukotrienogenic	1
Antilipolytic	2
Antilipoperoxidant	3
Antilisteria	2
Antilithic	4
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphedemic	1
Antilymphomic	5
Antimaculitic	3
Antimalarial	4
Antimange	1

Activity	Chemical Count
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	7
AntiMeniere's	1
Antimenopausal	3
Antimenorrhagic	1
Antimetastatic	5
Antimetastatic (Stomach)	1
Antimigraine	4
Antimite	1
Antimitotic	4
Antimitral-valve-prolapse	1
Antimononucleotic	1
Antimorphinic	1
AntiMRSA	1
AntiMS	2
Antimutagenic	31
Antimycoplasmotic	1

Activity	Chemical Count
Antimyocarditic	2
Antinauseant	1
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antineuralgic	5
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	7
Antinitrosating	1
Antinitrosic	1
Antinociceptive	9
Antinyctalopic	1
Antiobesity	5
Antiodontalgic	1
Antioncychomycotic	1

Activity	Chemical Count
Antionychogryphotic	1
Antiophidic	5
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	7
Antiotitic	1
Antiototic	1
Antioxidant	48
Antioxidant (LDL)	1
Antioxidant?	1
Antiozenic	1
Antipancreatitic	1
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antiperiodic	1
Antiperiodontal	1
Antiperiodontitic	4

Activity	Chemical Count
Antiperistaltic	3
Antipermeability	1
Antiperoxidant	11
Antiperoxidative	1
Antiperoxyinitrite	1
Antipharyngitic	3
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	7
Antiplasmodial	1
Antiplatelet	1
AntiPMS	5
Antipneumonic	2
Antipodagric	1
Antipodriac	2
Antipolio	4
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1

Activity	Chemical Count
Antiprolactin	1
Antiproliferant	9
Antiproliferative	1
Antiprostaglandin	6
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	6
Antiprostatotic	1
Antiproteolytic	2
Antiprotozoal	1
Antipruritic	3
Antipsittacotic	1
Antipsoriac	4
Antipulmonotic	1
Antipurpuric	1
Antipyretic	8
Antipyruvetic	1
Antiradicular	23
AntiRaynaud's	3
Antirenitic	1

Activity	Chemical Count
Antiretardation	1
Antiretinopathic	2
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	10
Antirhinitic	3
Antirhinoviral	1
Antisalmonella	6
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	37
Antiserotonic	1
Antiserotonin	1
Antishingles	1
Antishock	3
Antisickling	6
Antisindhis	1
Antisinusitic	4
Antispare-Tire	1

Activity	Chemical Count
Antispasmodic	37
Antispasmophilic	1
Antispastic	1
Antistaphylococcic	16
Antistomatitic	2
Antistreptococcic	3
Antistress	8
Antistroke	2
Antisunburn	3
Antisyndrome-X	4
Antitartar	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithromboxane	1
Antithyreotropic	1
Antithyroid	5
Antitic	1
Antitinnitic	3
AntiTNF	3

Activity	Chemical Count
Antitoxoplasmotic	1
Antitriglyceride	1
Antitrypanosomic	2
Antitubercular	1
Antitumor	28
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	5
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	8
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (GI)	1
Antitumor (Kidney)	2
Antitumor (Liver)	3
Antitumor (Lung)	6
Antitumor (Mouth)	1
Antitumor (Ovary)	2
Antitumor (Pancreas)	3

Activity	Chemical Count
Antitumor (Prostate)	3
Antitumor (Skin)	8
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	11
Antitussive	5
Antitympanic	1
Antiulcer	18
Antiulcerogenic	1
Antiuremic	1
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	2
Antivertigo	1
Antiviral	26
Antiviral?	1
Antivitaligic	1
Antivulvitic	1
Antiwrinkle	2

Activity	Chemical Count
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	10
Aphidifuge	3
Aphrodisiac	1
Apifuge	1
Apoptotic	13
Aromatase-Inhibitor	3
Artemicide	3
Arteriodilator	1
Ascaricide	2
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	4
Barbituate-Synergist	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2

Activity	Chemical Count
Beta-Glucuronidase-Inhibitor	3
Bradycardiac	1
Bradycardic	1
Bronchodilator	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorelaxant	3
Bronchorrhoeic	1
Bruchifuge	1
Bruchiphobe	1
Calcium-Antagonist	12
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	71
Candidicide	18
Candidostat	4

Activity	Chemical Count
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2
Carcinogenic	12
Carcinogenic?	1
Cardiac	2
Cardiodepressant	3
Cardioprotective	8
Cardiotonic	1
Cardiotoxic	1
Cardiovascular	2
Carminative	6
Caspase-3-Inducer	1
Caspase-8-Inducer	1
Catabolic	3
Cerebrodepressant	1
Cerebrotoxic	1
Chelator	1
Chemopreventive	12
Cholagogue	6

Activity	Chemical Count
Choleretic	20
Cholesterolytic	1
Ciliotoxic	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	9
CNS-Inhibitor	2
CNS-Stimulant	8
Co-carcinogenic	1
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Congestant	1
Contraceptive	1

Activity	Chemical Count
Convulsant	5
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	4
Counterirritant	5
COX-1-Inhibitor	5
COX-2-Inhibitor	8
Culicide	2
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	2
Cytochrome-P450-Inhibitor	2
Cytoprotective	2
Cytotoxic	16
Decalcifier	1
Decarboxylase-Inhibitor	1
Decongestant	3
Decongestant?	1

Activity	Chemical Count
Degranulant	2
Deiodinase-Inhibitor	4
Deliriant	1
Demulcent	1
Dentifrice	2
Deodorant	1
Dermal	1
Dermatitigenic	8
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	3
Digestive	1
Diuretic	16
DME-Inhibitor	1
DNA-Active	1
DNA-Binder	4
DNA-Protective	2

Activity	Chemical Count
Dye	2
Ecbolic	1
Edemagenic	2
Embryotoxic	2
Emetic	5
Emmenagogue	1
Enterocontractant	1
Enterorelaxant	2
Epileptigenic	2
Ergogenic	1
Essential	3
Estrogenic	10
Estrogenic?	1
Expectorant	14
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	27
Floral-Inhibitor	1

Activity	Chemical Count
Fungicide	37
Fungiphilic	1
Fungistat	7
GABA-nergic	1
Gastroprotective	3
Gastrosedative	1
Gastrostimulant	1
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Glutathionigenic	1
Goitrogenic	1
Gonadotrophic	1
Gram(+)-icide	3
Gram(-)-icide	3
GST-Inducer	1
Hallucinogenic	2
Hemolytic	1
Hemorrhagic	1
Hemostat	3

Activity	Chemical Count
Hepatocarcinogenic	3
Hepatomagenic	2
Hepatoprotective	21
Hepatotonic	2
Hepatotoxic	4
Hepatotropic	2
Herbicide	15
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	1
HIV-RT-Inhibitor	1
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	1
Hyperglycemic	2
Hypertensive	3
Hyperthermic	1
Hypnotic	2
Hypoammonemic	1
Hypoarginanemic	1

Activity	Chemical Count
Hypocholesterolemic	14
Hypocholesterolemic?	1
Hypoglycemic	10
Hypolipidemic	3
Hypotensive	17
Hypothermic	5
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Immunomodulator	8
Immunostimulant	13
Immunosuppressant	6
Inflammatory	2
iNOS-Inhibitor	3
Inotropic	2
Insect-attractant	1
Insect-Repellent	1
Insecticide	13
Insectifuge	23
Insectiphile	4

Activity	Chemical Count
Insulin-Sparing	1
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	18
Juvabional	6
Keratolytic	1
Lactagogue	1
Larvicide	4
Larvostat	4
Laxative	7
Leptingenic	1
Leucocytogenic	1
Leukotriene-Inhibitor	2
Lipolytic	1
Lipoxygenase-Inhibitor	12
Lithogenic	1
Litholytic	1

Activity	Chemical Count
Lyase-Inhibitor	1
Lymphocytogenic	1
Lymphokinetic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	4
MAPK-Inhibitor	2
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
MMP-9-Inhibitor	2
Monoamine-Precursor	2
Mosquitofuge	1
Motor-Depressant	4
Motor-Stimulant	1
Mucogenic	2
Mucolytic	1
Musculotropic	4
Mutagenic	7

Activity	Chemical Count
Mycobactericide	1
Myoprotective	1
Myorelaxant	17
NADH-Oxidase-Inhibitor	2
Narcotic	2
Nematicide	14
Nematistat	1
Neoplastic	1
NEP-Inhibitor	2
Nephroprotective	1
Nephrotoxic	2
Neurodepressant	1
Neuroexcitant	1
Neuroinhibitor	3
Neuropathogenic	1
Neuroprotective	4
Neurotoxic	8
Neurotransmitter	3
NF-kB-Inhibitor	5
NO-Genic	3

Activity	Chemical Count
NO-Inhibitor	4
NO-Synthase-Inhibitor	2
Nociceptive	1
Nodulation-Signal	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	7
Osteogenic	1
Ovicide	1
Oviposition-Stimulant	2
Ovulant	1
Oxidant	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	4
P450-Inducer	4
P450-Inhibitor	2
PAF-Inhibitor	1
Parasiticide	2
Pediculicide	2
Percutaneostimulant	1

Activity	Chemical Count
Perfume	3
Perfumery	26
Peristaltic	1
Pesticide	74
PGE2-Inhibitor	1
Phagocytotic	4
Phospholipase-Inhibitor	1
Photoactive	2
Photosensitizer	1
Phytoalexin	2
Phytohormonal	1
Piscicide	1
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	2
Polyamine-Synthesis-Inhibitor	1
Preservative	2
Progestational	1
Proliferant	2
Prooxidant	4

Activity	Chemical Count
Propepic	1
Prostaglandigenic	5
Prostaglandin-Synthesis-Inhibitor	5
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1
Protein-Kinase-C-Inhibitor	3
Protisticide	1
Psychoactive	1
Psychotropic	1
PTK-Inhibitor	3
Quinone-Reductase-Inducer	4
Radioprotective	3
Refrigerant	1
Respirainhibitor	2
Respirastimulant	1
Respirodepressant	1
Roborant	1
Rodenticide	4
Rubefacient	4
Schistosomicide	2

Activity	Chemical Count
Schizophrenigenic	1
Secretagogue	5
Secretolytic	1
Sedative	21
Serotonin-Inhibitor	1
Serotonergic	1
Spasmogenic	6
Spermicide	1
Spermigenic	2
Stimulant	1
Styptic	1
Succinoxidase-Inhibitor	1
Sunscreen	9
Surfactant	2
Sweetener	6
Sympathomimetic	1
Teratogenic	2
Teratologic	1
Termiticide	2
Termitifuge	1

Activity	Chemical Count
Testosterone-Hydroxylase-Inducer	2
Testosteronigenic	1
Thermogenic	1
Thymoprotective	1
Tineacide	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	4
Topoisomerase-I-Inhibitor	5
Topoisomerase-II-Inhibitor	3
Toxic	2
Tranquilizer	6
Transdermal	7
Trematodicide	1
Tremorigenic	1
Trichomonicide	11
Trichomonistat	2
Triglycerigenic	1
Trypanocide	1
Trypsin-Enhancer	1
Tumor-Promoter	2

Activity	Chemical Count
Tumorigenic	2
Tyrosinase-Inhibitor	7
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	6
Ulcerogenic	3
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Uterorelaxant	1
Uterosedative	2
Uterotrophic	2
UV-Screen	2
Varroacide	1
Vasodilator	15
Vasopressor	1
VEGF-Inhibitor	4
Vermicide	1
Vermifuge	1
Verrucolytic	1
Vibriocide	2

Activity	Chemical Count
Vulnerary	5
Xanthine-Oxidase-Inhibitor	10