

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Arctium lappa***

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	4
Absorbent	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidulant	2
Adjuvant	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	1
Allergenic	8
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analeptic	1
Analgesic	11
Androgenic	1
Androgenic?	1
Anemiagenic	1
Anesthetic	2

Activity	Chemical Count
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anhydrotic	1
Anorexic	2
Anthelmintic	1
Antiacid	1
Antiacne	7
Antiacrodermatitic	1
Antiacrodynamic	1
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
AntiAGE	2
Antiaggregant	4
Antiaging	4
Antiakathisic	1
Antialcoholic	5
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1

Activity	Chemical Count
Antiallergic	3
Antialopecic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	3
Antianginal	2
Antiangiogenic	4
Antianorectic	2
Antianorexic	1
Antianoxic	2
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	4
Antiarteriosclerotic	3
Antiarthritic	9
Antiasthmatic	6
Antiatherogenic	1
Antiatherosclerotic	6

Activity	Chemical Count
Antibackache	1
Antibacterial	13
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Antibradycardic	1
Anticancer	6
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	3
Anticarcinogenic	2
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1

Activity	Chemical Count
Anticataract	7
Anticephalagic	3
Anticerebrotic	1
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholinergic	1
Antichoreic	1
Anticirrhotic	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticolitic?	1
Anticonvulsant	4
Anticorneotic	1
Anticoronary	6
AntiCrohn's	2
AntiCTS	1

Activity	Chemical Count
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	8
Antidepressant?	1
Antidermatitic	2
Antidiabetic	11
Antidiabetic?	1
Antidiarrheic	3
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Anticholinesterase)	1
Antidote (Black Widow)	1
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Lobelia)	1

Activity	Chemical Count
Antidote (Mercury)	1
Antidote (Muscarine)	1
Antidote (Mushroom)	1
Antidote (Organophosphorus)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidote (Poison Gas)	1
Antidote (Tetrodotoxin)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	3
Antieczemic	4
Antiedemic	10
Antielastase	1
Antiemetic	1
Antiemphysemic	1

Activity	Chemical Count
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antienuretic	1
Antiepileptic	5
Antiescherichic	1
Antiestrogenic	1
Antifatigue	6
Antifeedant	3
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antiflu	2
Antifuruncular	1
Antigallstone	1
Antigastritic	3
Antigastrotic	1

Activity	Chemical Count
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	2
Antigliomic	1
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	2
Antigout	1
Antigranular	1
Antihangover	5
Antiheartburn	1
Antihemolytic	2
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	6
Antiherpetic	6
Antiherpetic?	1

Activity	Chemical Count
Antihistaminic	5
AntiHIV	9
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperglycemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	10
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	17
Antiinsomniac	5
Antiinsomnic	1

Activity	Chemical Count
Antiintegrase	3
Antiiritic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	2
AntiLegionella	2
Antileishmanic	1
Antileptic	2
Antilethargic	1
Antileukemic	7
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphomic	5

Activity	Chemical Count
Antimaculitic	4
Antimalarial	2
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	1
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	2
Antimetastatic	2
Antimigraine	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2
Antimuscarinic	1
Antimutagenic	10
Antimyalgic	1
Antimyocarditic	1

Activity	Chemical Count
Antinauseant	1
Antinephritic	1
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	6
Antinyctalopic	1
Antiobesity	5
Antiobesity?	1
Antionychyotic	2
Antiophidic	4
Antiorchitic	1

Activity	Chemical Count
Antiosteoarthritic	2
Antiosteoporotic	8
Antiosteoporotic?	1
Antiotitic	1
Antiototic	1
Antioxalate	1
Antioxidant	21
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagic	3
Antipeptic	2
Antiperiodontitic	3
Antiperistaltic	1
Antiperoxidant	3
Antiperspirant	1
Antipertussic	1
Antiphenylketonuric	2

Activity	Chemical Count
Antiphotophobic	2
Antipityriasic	1
Antiplateau	2
Antiplasmodial	1
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	2
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	6
Antiprostaglandin	4
Antiprostataadenomic	1
Antiprostatic	5
Antiprostatotic	1
Antipruritic	1
Antipsoriac	1
Antipsychotic	1

Activity	Chemical Count
Antipyretic	2
Antiradicular	6
AntiRaynaud's	3
Antirenitic	1
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	7
Antirhinitic	1
Antisalmonella	2
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	6
Antishingles	1
Antisialagogue	1
Antisickling	2
Antisilicotic	1
Antispasmodic	9

Activity	Chemical Count
Antispasmophilic	1
Antistaphylococcic	2
Antistomatitic	2
Antistreptococcic	1
Antistress	5
Antistroke	2
Antisunburn	2
Antisyndrome-X	6
Antithiamin	1
Antithyroid	2
Antitic	1
Antitinnitic	2
AntiTNF	1
Antitopoisomerase-II	2
Antitriglyceride	2
Antitumor	14
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (Cervix)	2
Antitumor (CNS)	1

Activity	Chemical Count
Antitumor (Colon)	2
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Liver)	3
Antitumor (Lung)	4
Antitumor (Prostate)	2
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	2
Antitumor-Promoter?	1
Antiulcer	16
Antiulcerogenic	2
Antiuremic	1
Antiurethrotic	1
Antiuveitic	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	1
Antivertigo	2
Antiviral	11

Activity	Chemical Count
Antiviral?	1
Antivertililic	1
Antixerophthalmic	1
Anxiolytic	8
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	5
Artemicide	2
Asthma-preventive	1
Astringent	1
Autotoxic	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bifidogenic	1
Bitter	1
Bronchodilator	1
Bruchifuge	1
Calcium-Antagonist	5
Calcium-Channel-Blocker	1

Activity	Chemical Count
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	23
Candidicide	5
Carcinogenic	3
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	10
Cardiotoxic	1
Cardiovascular	1
Caspase-8-Inducer	1
Chelator	2
Chemopreventive	3
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Cholagogue	2
Choleretic	4
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	2

Activity	Chemical Count
CNS-Inhibitor	2
CNS-Stimulant	2
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Colorant	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Cosmetic	2
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	1
Cytoprotective	1
Cytostatic	1
Cytotoxic	5
Demulcent	1
Deodorant	1
Depressant	1

Activity	Chemical Count
Dermatitigenic	1
Detoxicant	1
Detoxicant (Alcohol)	1
Differentiator	1
Diuretic	10
DNA-Active	1
DNA-Protective	1
Emetic	1
Emollient	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogenic	2
Expectorant	2
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	10

Activity	Chemical Count
FPTase-Inhibitor	1
Fungicide	7
Gastroprotective	4
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
Gonadotrophic	1
Gram(+)icide	1
Hemolytic	1
Hepatocarcinogenic	1
Hepatoprotective	10
Hepatotoxic	1
Hepatotropic	1
Histamine-Inhibitor	2
HIV-RT-Inhibitor	2
Hypercholesterolemic	3
Hyperglycemic	1
Hyperpyrexia	1
Hypertensive	1
Hypnotic	1

Activity	Chemical Count
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	16
Hypoglycemic	9
Hypolipidemic	2
Hypotensive	10
Hypouricemic	1
Immunomodulator	8
Immunostimulant	10
Immunosuppressant	2
Insecticide	2
Insecticide-Synergist	1
Insectifuge	8
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Irritant	4
Juvabional	1

Activity	Chemical Count
Keratitigenic	1
Larvicide	2
Larvostat	1
Laxative	6
Leptingenic	1
Leukotriene-Inhibitor	2
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	3
Lithogenic	1
Litholytic	1
Lubricant	3
Lyase-Inhibitor	1
MAO-Inhibitor	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	2
Metastatic	1
Monoamine-Precursor	3
Mosquitocide	2

Activity	Chemical Count
Motor-Depressant	1
Mucogenic	2
Mucolytic	2
Mydriatic	1
Myorelaxant	2
Narcotic	2
Nematicide	4
Nematistat	1
Neoplastic	1
Nephrotoxic	1
Neuroexcitant	1
Neurogenic	1
Neuroinhibitor	2
Neuroprotective	1
Neurotoxic	3
Neurotransmitter	2
NF-kB-Inhibitor	2
NO-Genic	2
Ornithine-Decarboxylase-Inhibitor	4
Osteogenic	1

Activity	Chemical Count
Osteolytic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	2
Paralytic	1
Percutaneostimulant	1
Perfumery	8
Pesticide	27
Phagocytotic	1
Phosphodiesterase-Inhibitor	2
Phytohormonal	1
Pituitary-Stimulant	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Prebiotic	1
Probiotic	1
Probiotigenic	1
Prolactinogenic	1
Prooxidant	3
Propepic	4

Activity	Chemical Count
Prostaglandigenic	1
Prostaglandin-Sparer	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychotomimetic	1
Psychotropic	1
Roborant	1
Rubefacient	1
Schizophrenigenic	1
Sedative	9
Serotoninerpic	2
Soap	1
Spermicide	2
Spermigenic	2
Sunscreen	2
Suppository	1
Sweetener	2
Tachycardic	1
Taenicide	1
Termiticide	1

Activity	Chemical Count
Termitifuge	1
Testosteronigenic	1
Thymoprotective	1
TOPO-2-Inhibitor	1
Topoisomerase-Inhibitor	2
Tranquilizer	4
Transdermal	1
Tremorigenic	1
Trichomonicide	1
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	1
Ubiquiot	2
Ulcerogenic	2
Uricosuric	2
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Vasodilator	8

Activity	Chemical Count
VEGF-Inhibitor	1
Verrucolytic	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	2