

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Eucommia ulmoides*

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
ACE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	2
Algistat	1
Allelochemic	3
Allergenic	4
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	3
Anemiagenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	1
Anthelmintic	1
Antiacne	2
Antiacrodermatitic	1
Antiaflatoxin	1
Antiaggregant	2
Antiaging	1
Antiakathisic	1
Antialcoholic	3
Antiallergic	2
Antialopepic	4
Antialzheimeran	2

Activity	Chemical Count
Antianaphylactic	2
Antiandrogenic	3
Antianemic	3
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiarrhythmic	4
Antiarteriosclerotic	1
Antiartritic	7
Antiasthmatic	3
Antiatherosclerotic	4
Antibacterial	7
AntiBPH	1
Anticancer	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Skin)	1
Anticanker	2
Anticarcinogenic	1
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	2
Anticephalagic	1

Activity	Chemical Count
AntiCFS	1
Anticheilitic	1
Anticlastogen	6
Anticlimacteric	2
Anticoeliac	1
Anticold	1
Anticolitic	2
Anticomplementary	3
Anticonvulsant	1
Anticoronary	3
AntiCrohn's	2
Anticystitic	1
Antidandruff	1
Antidementia	1
Antidepressant	4
Antidermatitic	2
Antidiabetic	6
Antidiscotic	1
Antidote (Aluminum)	1
Antidote (Amanitin)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
AntiEBV	1
Antieczemic	2

Activity	Chemical Count
Antiedemic	2
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	1
Antiendometriotic	1
Antienterotic	1
Antiepileptic	3
Antiescherichic	1
Antiestrogenic	1
Antifatigue	3
Antifeedant	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	2
Antifuruncular	1
Antigastric	1
Antigastrotic	1
Antigenotoxic	1
Antiglaucomic	1
Antigonadotropic	2
Antigranular	1
AntiGTF	1
Antihangover	1
Antihemolytic	1
Antihepatotoxic	3

Activity	Chemical Count
Antiherpetic	3
Antiherpetic?	1
Antihistaminic	3
AntiHIV	5
Antihydrophobic	1
Antihypercholesterolemic	1
Antihyperkinetic	2
Antihypertensive	5
Antihyperthyroid	1
Antihypoglycemic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	1
Antiinflammatory	11
Antiinsomniac	3
Antiischemic	1
AntiLegionella	2
Antileishmanic	1
Antileptic	1
Antileukemic	4
Antileukonychic	1
Antileukotriene	2
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	1
Antilupus	1
AntiLyme	1

Activity	Chemical Count
Antilymphomic	1
Antimaculitic	1
Antimalarial	2
Antimastalgic	1
Antimelanogenic	2
Antimelanomic	2
Antimenopausal	2
Antimenorrhagic	2
Antimetastatic	2
Antimigraine	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	8
Antimyocarditic	1
Antineoplastic	1
Antinephrolytic	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	2
Antinociceptive	3
Antinyctalopic	1
Antiobesity	2
Antiophidic	1
Antiosteoporotic	5
Antiototic	1
Antioxidant	9
Antipancreatic	1

Activity	Chemical Count
Antiperiodontal	1
Antiperiodontitic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	3
Antipharyngitic	1
Antiplaque	3
Antiplasmodial	2
AntiPMS	4
Antipodriac	1
Antipolio	2
Antiprolactin	2
Antiproliferant	1
Antiprostanoid	1
Antiprostaitic	3
Antipsoriac	2
Antiradicular	3
AntiRaynaud's	1
Antiretinopathic	1
Antirheumatic	2
Antiseptic	4
Antispare-Tire	1
Antispasmodic	4
Antispasmophilic	1
Antistaphylococcic	1
Antistomatitic	1
Antistreptococcic	1

Activity	Chemical Count
Antistress	2
Antistroke	2
Antisunburn	1
Antisyndrome-X	3
Antithiamin	1
Antithrombic	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	1
Antitumor	4
Antitumor (Bladder)	1
Antitumor (Breast)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	1
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Skin)	3
Antitumor-Promoter	4
Antitussive	1
Antiulcer	3
Antiviral	5
Antiviral?	1
Anxiolytic	3

Activity	Chemical Count
Aphidifuge	1
Apoptotic	3
Astringent	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	2
Beta-Blocker	1
Bradycardiac	1
Calcium-Antagonist	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	4
Candidicide	3
Capillariprotective	1
Carcinogenic	3
Cardioprotective	5
Cardiotoxic	1
Cardiovascular	1
Catabolic	1
Cathartic	5
Chemopreventive	2
Cholagogue	1
Choleretic	3
Clastogenic	1
CNS-Active	2
CNS-Depressant	1

Activity	Chemical Count
CNS-Stimulant	1
Collagen-Sparing	1
Collagenic	2
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	1
COX-2-Inhibitor	1
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	3
Deiodinase-Inhibitor	1
Deodorant	1
Dermatitogenic	1
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Diuretic	5
Dye	1
Ecbolic	1
Ergogenic	1
Estrogenic	1
FLavor	3
Fungicide	4
Fungistat	1

Activity	Chemical Count
Glucosyl-Transferase-Inhibitor	1
Glutathione-Depleting	1
Hemolytic	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	5
Hepatotoxic	1
Herbicide	1
Histamine-Inhibitor	1
HIV-RT-Inhibitor	1
Hypercholesterolemic	1
Hypertensive	1
Hypocholesterolemic	6
Hypoglycemic	3
Hypolipemic	1
Hypotensive	5
Immunomodulator	6
Immunostimulant	3
Immunosuppressant	1
iNOS-Inhibitor	1
Inotropic	1
Insectifuge	3
Insulin-Sparing	1
Insulinogenic	3
Interferonogenic	1
Irritant	2
Juvabional	2

Activity	Chemical Count
Lactagogue	1
Larvostat	2
Laxative	5
Leptogenic	1
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	2
Litholytic	1
Lubricant	2
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mucogenic	1
Mutagenic	1
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Nematicide	2
NEP-Inhibitor	1
Nephrotoxic	3
Neuroprotective	1
Neurotransmitter	1
NF-kB-Inhibitor	2
Nigrifacient	1
NO-Genic	1

Activity	Chemical Count
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
Paralytic	1
Percutaneostimulant	1
Perfumery	2
Pesticide	11
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Plasmodicide	1
Proliferant	1
Prooxidant	1
Propecic	4
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	4
Protein-Kinase-C-Inhibitor	1
Protistostat	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	1
RES-Activator	1
RNA-Inhibitor	1
Schizophrenigenic	1

Activity	Chemical Count
Secretagogue	1
Soap	1
Spermigenic	1
Sunscreen	1
Suppository	1
Sweetener	1
Teratologic	1
Testosteronigenic	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Toxic	1
Tranquilizer	2
Trichomonicide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquitin	1
Uricosuric	1
Uterorelaxant	1
Vasodilator	4
VEGF-Inhibitor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	1