

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

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

Activity	Chemical Count
Quinone-Reductase-Inducer	1
PTK-Inhibitor	1
Protistostat	1
Protein-Kinase-C-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	4
Prostaglandigenic	1
Propepic	4
Prooxidant	1
Proliferant	1
Plasmodicide	1
Phospholipase-Inhibitor	1
Phospholipase-A2-Inhibitor	1
Phagocytotic	1
PGE2-Inhibitor	1
Pesticide	11
Perfumery	2
Percutaneostimulant	1
Paralytic	1
P450-Inhibitor	1
P450-Inducer	1
Oviposition-Stimulant	1
Ornithine-Decarboxylase-Inhibitor	2
NO-Synthase-Inhibitor	1
NO-Inhibitor	1
NO-Genic	1
Nigrifacient	1
NF-kB-Inhibitor	2

Activity	Chemical Count
Neurotransmitter	1
Neuroprotective	1
Nephrotoxic	3
NEP-Inhibitor	1
Nematicide	2
NADH-Oxidase-Inhibitor	1
Myorelaxant	1
Mutagenic	1
Mucogenic	1
MMP-9-Inhibitor	1
Metastatic	1
Metalloproteinase-Inhibitor	1
Metal-Chelator (Copper)	1
Metal-Chelator	1
Mast-Cell-Stabilizer	1
MAO-A-Inhibitor	1
Lubricant	2
Litholytic	1
Lipoxygenase-Inhibitor	2
Leukotriene-Inhibitor	1
Leptogenic	1
Laxative	5
Larvostat	2
Lactagogue	1
Juvabional	2
Irritant	2
Interferonogenic	1

Activity	Chemical Count
Insulinogenic	3
Insulin-Sparing	1
Insectifuge	3
Inotropic	1
iNOS-Inhibitor	1
Immunosuppressant	1
Immunostimulant	3
Immunomodulator	6
Hypotensive	5
Hypolipemic	1
Hypoglycemic	3
Hypocholesterolemic	6
Hypertensive	1
Hypercholesterolemic	1
HIV-RT-Inhibitor	1
Histamine-Inhibitor	1
Herbicide	1
Hepatotoxic	1
Hepatoprotective	5
Hepatomagenic	1
Hemostat	1
Hemolytic	1
Glutathione-Depleting	1
Glucosyl-Transferase-Inhibitor	1
Fungistat	1
Fungicide	4
FLavor	3

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

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

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

Activity	Chemical Count
Antispasmodic	1
Antispasmodic	4
Antispasmodic	1
Antiseptic	4
Antirheumatic	2
Antiretinopathic	1
AntiRaynaud's	1
Antiradicular	3
Antipsoriatic	2
Antiprostatic	3
Antiprostanoic	1
Antiproliferant	1
Antiprolactin	2
Antipolio	2
Antipodriac	1
AntiPMS	4
Antiplasmodial	2
Antiplaque	3
Antipharyngitic	1
Antiperoxidant	3
Antipermeability	1
Antiperistaltic	1
Antiperiodontic	2
Antiperiodontal	1
Antipancreatic	1
Antioxidant	9
Antiototoxic	1

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

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

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

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

Activity	Chemical Count
Anticarcinomic (Breast)	1
Anticarcinomic	2
Anticarcinogenic	1
Anticancer	2
Anticancer (Skin)	1
Anticancer (Liver)	1
Anticancer (Foreestomach)	1
Anticancer (Colon)	1
Anticancer	1
AntiBPH	1
Antibacterial	7
Antiatherosclerotic	4
Antiasthmatic	3
Antiarthritic	7
Antiarteriosclerotic	1
Antiarrhythmic	4
Antianxiety	2
Antianorexic	1
Antianorectic	1
Antiangiogenic	2
Antianginal	1
Antianemic	3
Antiandrogenic	3
Antianaphylactic	2
Antialzheimeran	2
Antialopepic	4
Antiallergic	2

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