

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

Activity	Chemical Count
Antiinflammatory	11
Pesticide	11
Antioxidant	9
Antimutagenic	8
Antibacterial	7
Antiarthritic	7
Anticlastogen	6
Antidiabetic	6
Hypocholesterolemic	6
Immunomodulator	6
Cathartic	5
Antihypertensive	5
Hepatoprotective	5
Hypotensive	5
Antiviral	5
Diuretic	5
Laxative	5
Cardioprotective	5
Antiosteoporotic	5
AntiHIV	5
AntiPMS	4
Antiatherosclerotic	4
Antiseptic	4
Fungicide	4
Allergenic	4
Antispasmodic	4
Antidepressant	4

Activity	Chemical Count
Antileukemic	4
Cancer-Preventive	4
Vasodilator	4
5-Alpha-Reductase-Inhibitor	4
Propecic	4
Antiarrhythmic	4
Antitumor-Promoter	4
Antialopeic	4
Antitumor	4
Prostaglandin-Synthesis-Inhibitor	4
Antifeedant	3
Candidicide	3
Antisyndrome-X	3
Analgesic	3
Antiherpetic	3
Insulinogenic	3
Antitumor (Skin)	3
Antianemic	3
Anticomplementary	3
Hypoglycemic	3
Carcinogenic	3
Antihistaminic	3
Anticoronary	3
Antifatigue	3
Antiinsomniac	3
Cytotoxic	3
Antinociceptive	3

Activity	Chemical Count
Antihepatotoxic	3
Antiasthmatic	3
Antiprostatic	3
Immunostimulant	3
Antiandrogenic	3
FLavor	3
Antitumor (Colon)	3
Antiepileptic	3
Antialcoholic	3
Antiperoxidant	3
Allelochemic	3
Anxiolytic	3
Antiradicular	3
Antiplaque	3
Apoptotic	3
Antiulcer	3
Insectifuge	3
Choleretic	3
Nephrotoxic	3
Antianaphylactic	2
Antiedemic	2
Antiacne	2
Anticarcinomic	2
Larvostat	2
CNS-Active	2
Antianxiety	2
Antipsoriatic	2

Activity	Chemical Count
Antileukotriene-D4	2
Antipolio	2
Antimelanomic	2
Antiallergic	2
Bacteristat	2
Antistress	2
Perfumery	2
Irritant	2
Antimalarial	2
Antiangiogenic	2
Antimenorrhagic	2
Antialzheimeran	2
Antiplasmodial	2
Antieczemic	2
Tyrosinase-Inhibitor	2
Lipoxygenase-Inhibitor	2
Topoisomerase-II-Inhibitor	2
Antigonadotropic	2
Collagenic	2
Antirheumatic	2
Aldose-Reductase-Inhibitor	2
Antileukotriene	2
Antifibrinolytic	2
AntiLegionella	2
Anticolitic	2
Antimelanogenic	2
Vulnerary	2

Activity	Chemical Count
Lubricant	2
Antihyperkinetic	2
Tranquilizer	2
Antiobesity	2
Ornithine-Decarboxylase-Inhibitor	2
NF-kB-Inhibitor	2
AntiMS	2
Chemopreventive	2
Antiprolactin	2
Nematicide	2
Antimenopausal	2
Anticlimacteric	2
Antiaggregant	2
Antiperiodontitic	2
Anticataract	2
Anticancer	2
Antistroke	2
Antinitrosaminic	2
Juvabional	2
Antidermatitic	2
Antiflu	2
AntiCrohn's	2
Antimetastatic	2
Cardiovascular	1
Mutagenic	1
Antiischemic	1
Estrogenic	1

Activity	Chemical Count
Anticold	1
Antitumor (Breast)	1
Protistostat	1
Hypertensive	1
Antienterotic	1
VEGF-Inhibitor	1
Antiakathic	1
Antipermeability	1
Metal-Chelator (Copper)	1
Antiimpotence	1
Differentiator	1
AntiCFS	1
Antitinnitic	1
Prooxidant	1
Calcium-Antagonist	1
Tyrosine-Kinase-Inhibitor	1
Litholytic	1
Antihypercholesterolemic	1
Deiodinase-Inhibitor	1
Phagocytotic	1
Antinyctalopic	1
Cosmetic	1
Anticancer (Foretostomach)	1
Antistomatitic	1
Paralytic	1
Antidysgeuzic	1
ATPase-Inhibitor	1

Activity	Chemical Count
Toxic	1
Antinephrolytic	1
Antigranular	1
Comedolytic	1
NO-Synthase-Inhibitor	1
Antilymphomic	1
Antidiscotic	1
Antiviral?	1
Teratologic	1
Algistat	1
Antigastric	1
Neurotransmitter	1
Hemostat	1
Antidandruff	1
Soap	1
5-Lipoxygenase-Inhibitor	1
Antimitral-valve-prolapse	1
Immunosuppressant	1
Antifibromyalgic	1
NADH-Oxidase-Inhibitor	1
Antileishmanic	1
Antitumor (Forestomach)	1
Quinone-Reductase-Inducer	1
Antiescherichic	1
Xanthine-Oxidase-Inhibitor	1
Antipharyngitic	1
Metastatic	1

Activity	Chemical Count
Antiinfertility	1
Dye	1
Antitrypanosomic	1
Prostaglandigenic	1
Histamine-Inhibitor	1
Antiencephalitic	1
Calmodulin-Antagonist	1
Uricosuric	1
Antiaflatoxin	1
Antiperiodontal	1
MAO-A-Inhibitor	1
Dermatitigenic	1
Anticariogenic	1
Antithrombic	1
Phospholipase-Inhibitor	1
Trichomonicide	1
Angiotensin-Receptor-Blocker	1
Antiophidic	1
Leptingenic	1
Cyclooxygenase-Inhibitor	1
Anticancer (Skin)	1
Antidysmenorrheic	1
Antineurotic	1
Antihangover	1
Contraceptive	1
AntiBPH	1
Oviposition-Stimulant	1

Activity	Chemical Count
Antidote (Amanitin)	1
Aphidifuge	1
TNF-alpha-Inhibitor	1
Antigenotoxic	1
CNS-Stimulant	1
Antiartherosclerotic	1
AntiRaynaud's	1
Nigrifacient	1
Antilithic	1
Antitussive	1
Sunscreen	1
ACE-Inhibitor	1
Inotropic	1
Antifibrotic	1
Cholagogue	1
Antiproliferant	1
NEP-Inhibitor	1
Glucosyl-Transferase-Inhibitor	1
Antitumor (Lung)	1
RNA-Inhibitor	1
Cardiotoxic	1
Mucogenic	1
Ergogenic	1
Anticoeliac	1
Antitumor (Bladder)	1
Protein-Kinase-C-Inhibitor	1
Hypercholesterolemic	1

Activity	Chemical Count
Antiendometriotic	1
Antiaging	1
Antiperistaltic	1
Metal-Chelator	1
Antihypoglycemic	1
Diaphoretic?	1
Anticephalagic	1
Antitic	1
Proliferant	1
Bradycardiac	1
Anthelmintic	1
Antiototic	1
Antihydrophobic	1
Anticarcinogenic	1
Antisunburn	1
PGE2-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Lactagogue	1
Copper-Chelator	1
Anticancer (Colon)	1
Antistaphylococcic	1
P450-Inhibitor	1
Antidote (Lead)	1
Astringent	1
Antineoplastic	1
Insulin-Sparing	1
NO-Inhibitor	1

Activity	Chemical Count
AntiLyme	1
Herbicide	1
Sweetener	1
Antifuruncular	1
Clastogenic	1
Antianorexic	1
Neuroprotective	1
Hemolytic	1
Anticystitic	1
Antitumor (Ovary)	1
Secretagogue	1
Antimigraine	1
Catabolic	1
Antipodriac	1
Myorelaxant	1
PTK-Inhibitor	1
Capillariprotective	1
Metalloproteinase-Inhibitor	1
Antiinfective	1
Anticheilitic	1
Antitriglyceride	1
Antielastase	1
Calcium-Channel-Blocker	1
Ubiquiot	1
Antiacrodermatitic	1
Antipancreatic	1
Deodorant	1

Activity	Chemical Count
Anticarcinomic (Breast)	1
Antithiamin	1
Phospholipase-A2-Inhibitor	1
Anemiagenic	1
Antiherpetic?	1
COX-2-Inhibitor	1
Anticancer (Liver)	1
Antistreptococcic	1
Percutaneostimulant	1
Antidyskinetic	1
Autotoxic	1
Antineuropathic	1
Interferonogenic	1
AntiGTF	1
COMT-Inhibitor	1
Antispare-Tire	1
Antimaculitic	1
Antidote (Aluminum)	1
Testosteronigenic	1
Antigastrotic	1
CNS-Depressant	1
Antilipoperoxidant	1
Hepatomagenic	1
Antidementia	1
Spermigenic	1
Abortifacient	1
iNOS-Inhibitor	1

Activity	Chemical Count
Antifibrosarcomic	1
Antianginal	1
Antileptic	1
Fungistat	1
Anticonvulsant	1
Antitumor (Liver)	1
RES-Activator	1
Hypolipemic	1
Antiestrogenic	1
MMP-9-Inhibitor	1
Ecbolic	1
HIV-RT-Inhibitor	1
Antiencephalopathic	1
cAMP-Phosphodiesterase-Inhibitor	1
Uterorelaxant	1
Mast-Cell-Stabilizer	1
Antihyperthyroid	1
Detoxicant (Alcohol)	1
Antithyroid	1
Plasmodicide	1
AntiEBV	1
Beta-Blocker	1
Tumorigenic	1
Anorexic	1
Leukotriene-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1

Activity	Chemical Count
Antihemolytic	1
Copper-Antagonist	1
Anticancer	1
Antispasmodic	1
P450-Inducer	1
Antimastalgic	1
Antidote (Cadmium)	1
Topoisomerase-I-Inhibitor	1
Antiglaucomic	1
Collagen-Sparing	1
Antiretinopathic	1
NO-Genic	1
Antilupus	1
Hepatotoxic	1
Suppository	1
Aldehyde-Oxidase-Inhibitor	1
Antimyocarditic	1
Antianorectic	1
Antiprostanoid	1
Antileukonyctic	1
Glutathione-Depleting	1
Antitumor (Mouth)	1
Schizophrenigenic	1
11B-HSD-Inhibitor	1