

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Diospyros virginiana

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
ACE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	3
Allelochemic	4
Allergenic	2
Amphiglycemic?	1
Analgesic	4
Androgenic	1
Angiotensin-Receptor-Blocker	3
Antiacetylcholine	1
Antiacne	2
Antiacrodermatitic	1
Antiadrenalinic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	4
Antiaging	3
Antiakathisic	1
Antialcoholic	3
Antiallergenic	1
Antiallergic	4

Activity	Chemical Count
Antiallopecic	2
Antialzheimeran	3
Antianaphylactic	1
Antiandrogenic	1
Antianemic	3
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiarrhythmic	3
Antiarthritic	7
Antiasthmatic	3
Antiatherosclerotic	6
Antibacterial	6
AntiBPH	1
Antibronchitic	1
Anticancer	1
Anticancer (Esophagus)?	1
Anticanker	2
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	3
Anticephalagic	1
Anticervicaldysplasic	1
AntiCFS	3
Anticheilitic	1

Activity	Chemical Count
Anticirrhotic?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	1
Anticonvulsant	1
Anticorneotic	1
Anticoronary	2
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	1
Antidecubitic	1
Antidementia	2
Antidepressant	5
Antidermatitic	1
Antidiabetic	9
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antieczemic	2

Activity	Chemical Count
Antiedemic	1
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	3
Antiescherichic	2
Antiestrogenic	1
Antifatigue	5
Antifeedant	4
Antifertility	1
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	2
Antifuruncular	1
Antigallstone	1
Antigastric	2
Antigastritic	1
Antigastrotic	1
Antigingivitic	3
Antiglaucomic	2
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	1

Activity	Chemical Count
AntiGTF	1
Antihangover	2
Antihemorrhagic	1
Antihepatitic	1
Antihepatotoxic	2
Antitherpetic	3
Antitherpetic?	1
Antihistaminic	4
AntiHIV	3
Antihydrophobic	1
Antihyperkinetic	2
Antihypertensive	6
Antihypoglycemic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	3
Antiinflammatory	7
Antiinsomniac	3
Antiinsulinogenic	1
Antileishmanic	1
Antileptic	2
Antileukemic	2
Antileukonychic	1
Antileukotriene	1
Antilipoperoxidant	1
Antilithic	2

Activity	Chemical Count
AntiLyme	2
Antilymphocytic	1
Antilymphomic	1
Antimaculitic	2
Antimalarial	1
Antimanic	1
Antimastalgic	1
Antimeasles	1
Antimelanomic	1
Antimenopausal	3
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	2
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	4
Antimyocarditic	1
Antinephrolytic	1
Antineuramidase	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	5
Antiorchitic	1

Activity	Chemical Count
Antiosteoarthritic	2
Antiosteoporotic	8
Antiotitic	1
Antiototic	1
Antioxidant	7
Antipancreatic	1
Antiparkinsonian	1
Antiparotitic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	1
Antipharyngitic	1
Antiplateque	5
Antiplasmodial	1
AntiPMS	4
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	1
Antiprolactin	1
Antiproliferant	1
Antiprostanoid	1
Antiprostatic	2
Antipsoriac	1

Activity	Chemical Count
Antipyretic	2
Antiradicular	3
AntiRaynaud's	2
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	3
Antirhinitic	1
Antisalmonella	1
Antiscorbutic	1
Antiseptic	5
Antiserotonin	1
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	7
Antispasmophilic	1
Antistaphylococcic	2
Antistomatitic	1
Antistreptococcic	1
Antistress	3
Antistroke	2
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2

Activity	Chemical Count
Antitrypanosomic	1
Antitumor	3
Antitumor (Bladder)	1
Antitumor (Breast)	1
Antitumor (Colon)	1
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	2
Antiulcer	5
Antivaginitic	1
Antiviral	6
Antiviral?	1
Antiyeast	1
Anxiolytic	4
Apoptotic	4
Aromatase-Inhibitor	1
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	2
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1

Activity	Chemical Count
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	6
Cancer-Preventive?	1
Candidicide	4
Capillariprotective	1
Carcinogenic	2
Cardiomyopathogenic	1
Cardioprotective	6
Cardioprotective?	1
Cardiotoxic	1
Catabolic	1
Choleretic	2
CNS-Depressant	1
CNS-Stimulant	1
CNS-Toxic	1
Cold-preventive	1
Collagenic	2
COMP-Inhibitor	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	2

Activity	Chemical Count
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Deodorant	1
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	1
Diuretic	7
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Expectorant	1
Fistula-Preventive	1
FLavor	5
Fungicide	3
Glucosyl-Transferase-Inhibitor	1
Hemolytic	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	3
Herbicide	1
HIV-RT-Inhibitor	2
Hypercholesterolemic	1
Hypertensive	1

Activity	Chemical Count
Hypocholesterolemic	7
Hypoglycemic	6
Hypotensive	9
Hypotriglyceridemic	1
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	5
Immunostimulant	3
Immunosuppressant	1
Inhalant	1
iNOS-Inhibitor	2
Inotropic	2
Insect-Repellent	1
Insectifuge	2
Insulin-Sparing	1
Insulinogenic	4
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	1
Larvostat	2
Laxative	3
Leptogenic	1
Lipoxygenase-Inhibitor	3
Lithogenic	1
Litholytic	1

Activity	Chemical Count
Lubricant	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	1
Mucolytic	1
Mutagenic	3
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	2
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Osteogenic	1
Oxidase-Inhibitor	1
P450-Inducer	1
P450-Inhibitor	1

Activity	Chemical Count
PAF-Inhibitor	1
Pancreatoxic	1
Perfumery	3
Pesticide	12
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Pigment	1
Plasmodicide	1
Proliferant	1
Prooxidant	2
Propecic	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Schizophrenigenic	1
Sedative	2
Soap	1
Spermigenic	1
Teratologic	2
Testosteronigenic	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	3

Activity	Chemical Count
Trichomonicide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	2
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Uterotrophic	1
Vasodilator	8
VEGF-Inhibitor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	1