

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Ligustrum lucidum***

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	3
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
ACE-Inhibitor	2
Acetylcholinergic	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	4
Allelochemic	2
Allergenic	2
Alpha-Reductase-Inhibitor	1
Analgesic	3
Androgenic	1
Anemiagenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	2

Activity	Chemical Count
Antiacne	2
Antiacrodermatitic	1
Antiadenomic	1
Antiaflatoxin	1
Antiaggregant	3
Antiaging	1
Antiakathisic	1
Antialcoholic	4
Antiallergic	4
Antialopepic	4
Antialzheimeran	3
Antianaphylactic	2
Antiandrogenic	4
Antianemic	3
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiapoplectic	1

Activity	Chemical Count
Antiarrhythmic	6
Antiarteriosclerotic	1
Antiarthritic	8
Antiasthmatic	2
Antiatherogenic	1
Antiatherosclerotic	5
Antibacterial	6
AntiBPH	1
Anticancer	2
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Lung)	1
Anticanker	2
Anticapillary-Fragility	1
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticariogenic	3
Anticataract	3
Anticephalagic	1

Activity	Chemical Count
AntiCFS	1
Anticheilitic	1
Anticholestatic	1
Anticlastogen	1
Anticlimacteric	2
Anticoeliac	1
Anticold	1
Anticolitic	2
Anticomplement	2
Anticomplementary	1
Anticonvulsant	2
Anticoronary	3
AntiCrohn's	2
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidementia	2
Antidepressant	4
Antidermatitic	2
Antidiabetic	8

Activity	Chemical Count
Antidiscotic	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
AntiEBV	1
Antieczemic	2
Antiedemic	5
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	1
Antiendometriotic	1
Antienterotic	1
Antiepileptic	3
Antierythemic	1
Antiescherichic	2
Antiestrogenic	2
Antifatigue	3

Activity	Chemical Count
Antifeedant	3
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	2
Antifibrotic	1
Antiflu	1
Antifuruncular	1
Antigastric	1
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
AntiGTF	1
Antihangover	2
Antihematuric	1
Antihemorrhoidal	1
Antihepatotoxic	5

Activity	Chemical Count
Antiherpetic	2
Antiherpetic?	1
Antihistaminic	4
AntiHIV	4
Antihydrophobic	1
Antihyperkinetic	2
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihypoglycemic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	1
Antiinflammatory	9
Antiinsomniac	3
Antiischemic	1
Antiketotic	2
Antileishmanic	2
Antileptic	1
Antileukemic	4

Activity	Chemical Count
Antileukonychic	1
Antileukotriene	2
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	1
AntiLyme	1
Antilymphomic	3
Antimaculitic	1
Antimalarial	4
Antimastalgic	1
Antimelanomic	2
Antimenopausal	2
Antimenorrhagic	2
Antimetastatic	4
Antimigraine	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	4
Antimyocarditic	1
Antinauseant	1

Activity	Chemical Count
Antinephritic	3
Antinephrolytic	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	2
Antiobesity?	1
Antiophidic	1
Antiosteoporotic	5
Antiototic	1
Antioxidant	9
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4

Activity	Chemical Count
AntiPGE2	1
Antipharyngitic	1
Antiplatelet	4
Antiplasmodial	3
Antiplatelet	1
AntiPMS	4
Antipodriac	1
Antipolio	2
Antiprogestational	1
Antiprolactin	1
Antiproliferant	2
Antiproliferative	1
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatadenomic	1
Antiprostatic	4
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	1

Activity	Chemical Count
Antiradicular	2
AntiRaynaud's	1
Antiretinopathic	1
Antirheumatic	2
Antisarcomic	1
Antiseptic	2
Antispare-Tire	1
Antispasmodic	6
Antispasmophilic	1
Antistaphylococcic	1
Antistomatitic	1
Antistreptococcic	1
Antistress	2
Antistroke	2
Antisunburn	1
Antisyndrome-X	3
AntiTGF-beta	2
Antithiamin	1
Antithrombic	1
Antithrombogenic	1

Activity	Chemical Count
Antithromboxane	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	3
Antitumor	4
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	2
Antitumor (Colon)	3
Antitumor (Kidney)	1
Antitumor (Lung)	4
Antitumor (Ovary)	2
Antitumor (Pancreas)	1
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antiulcer	5

Activity	Chemical Count
Antivaricose	2
Antiviral	6
Antiviral?	1
Anxiolytic	3
Apoptotic	3
Aromatase-Inhibitor	2
Artemicide	1
Astringent	1
ATPase-Inhibitor	1
Bacteristat	2
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	2
Bradycardiac	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	7
Candidicide	4
Capillariprotective	2

Activity	Chemical Count
Carcinogenic	2
Cardioprotective	5
Cardiotonic	2
Cardiotoxic	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	2
Chemopreventive	1
Choleretic	2
CNS-Depressant	3
Collagenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	1
Coronary-Dilator	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1

Activity	Chemical Count
Cytoprotective	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Deodorant	1
Dermatitigenic	1
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Diuretic	5
Elastase-Inhibitor	2
Emetic	1
Ergogenic	1
Estrogenic	2
Estrogenic?	1
Febrifuge	1
FLavor	3
Fungicide	1
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemolytic	1

Activity	Chemical Count
Hemostat	2
Hepatomagenic	2
Hepatoprotective	6
HIV-RT-Inhibitor	1
Hypercholesterolemic	1
Hyperglycemic	1
Hypertensive	1
Hypocholesterolemic	8
Hypoglycemic	4
Hypolipemic	1
Hypolipidemic	1
Hypotensive	8
Immunomodulator	7
Immunostimulant	1
Immunosuppressant	1
iNOS-Inhibitor	1
Inotropic	1
Insecticide	1
Insectifuge	2
Insectiphile	1

Activity	Chemical Count
Insulinogenic	3
Irritant	1
Juvabional	2
Larvostat	2
Laxative	3
Leptogenic	1
Leucocytogenic	2
Lipoxygenase-Inhibitor	3
Litholytic	1
Lubricant	1
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Mucogenic	1
Mutagenic	2
Myoprotective	1

Activity	Chemical Count
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Nematicide	2
Neoplastic	1
NEP-Inhibitor	1
Neuroprotective	1
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Percutaneostimulant	1
Perfumery	1
Pesticide	8
PGE2-Inhibitor	1
Phagocytotic	1

Activity	Chemical Count
Phospholipase-Inhibitor	1
Pigment	1
Piscicide	2
Plasmodicide	1
Potassium-Sparing	1
Proliferant	1
Prooxidant	1
Propepic	3
Prostaglandin-Synthesis-Inhibitor	2
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Respirotoxic	1
Schizophrenigenic	1
Sedative	1
Soap	1
Sodium-Sparing	1

Activity	Chemical Count
Spermicide	1
Spermigenic	1
Stimulant	1
Sunscreen	1
Sweetener	1
Teratologic	1
Testosteronigenic	1
TNF-alpha-Inhibitor	1
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Tranquilizer	2
Trichomonicide	1
Trypanocide	1
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Ulcerogenic	1
Uterorelaxant	1

Activity	Chemical Count
Uterotonic	1
Vasodilator	6
Vasopressor	3
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	1