

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in Quercus rubra**

Activity	Chemical Count
Abortifacient	1
Acarifuge	1
ACE-Inhibitor	3
Acnegenic	1
Aldose-Reductase-Inhibitor	2
Allelochemic	3
Allergenic	3
Amphiglycemic?	1
Analgesic	4
Androgenic	1
Anesthetic	1
Angiotensin-Receptor-Blocker	1
Anorexic	2
Anthelmintic	1
Antiacne	5
Antiacrodermatitic	1
Antiadenovirus	1
Antiadrenalinic	1

Activity	Chemical Count
Antiadrenergic	1
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	3
Antiaging	1
Antiakathisic	1
Antialcoholic	4
Antiallergenic	1
Antiallergic	1
Antialopepic	1
Antialzheimeran	1
Antianaphylactic	2
Antianemic	4
Antianginal	1
Antiangiogenic	3
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiarrhythmic	4
Antiarteriosclerotic	1

Activity	Chemical Count
Antiarthritic	9
Antiasthmatic	4
Antiatherosclerotic	5
Antibacterial	9
AntiBPH	1
Antibronchitic	1
Antibronchoconstrictor	1
Anticancer	3
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Esophagus)	1
Anticancer (Esophagus)?	1
Anticancer (Mouth)	1
Anticanker	2
Anticarcinomic	1
Anticariogenic	3
Anticataract	3
Anticephalagic	1
AntiCFS	2
Anticheilitic	1

Activity	Chemical Count
Anticholinergic	1
Anticirrhotic	1
Anticirrhotic?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	1
Anticolitic	1
Anticonvulsant	1
Anticorneotic	1
Anticoronary	3
AntiCrohn's	1
Antidandruff	3
Antidementia	1
Antidepressant	5
Antidiabetic	6
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	2

Activity	Chemical Count
Antidote (Mercury)	1
Antidrepanocytic	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antieczemic	1
Antiedemic	4
Antiencephalopathic	1
Antiendometriotic	1
Antiendotoxic	1
Antienterotic	1
Antiepileptic	3
Antiescherichic	2
Antifatigue	4
Antifeedant	3
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrotic	2
Antiflu	2

Activity	Chemical Count
Antifuruncular	1
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	1
Antiglycosuric	1
Antigoiter	1
Antigout	1
Antigrey	1
AntiGTF	1
Antihangover	1
Antihepatitic	1
Antihepatotoxic	4
Antiherpetic	3
Antiherpetic?	1
Antihistaminic	1
AntiHIV	5
Antihyperkinetic	2
Antihyperlipidemic	1
Antihypertensive	4
Antihyperthyroid	2

Activity	Chemical Count
Antihypoglycemic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	8
Antiinsomniac	3
Antiinsulinogenic	1
Antikeshan	1
Antilactobacillic	1
Antileishmanic	1
Antileptic	1
Antileukemic	4
Antileukonychic	1
Antileukotriene	1
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	1
Antilisteria	1
Antilithic	1
AntiLyme	1

Activity	Chemical Count
Antilymphomic	1
Antimaculitic	2
Antimalarial	1
Antimanic	2
Antimastalgic	1
Antimelanomic	1
Antimenopausal	3
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	5
Antimyalgic	1
Antinephritic	1
Antinephrolytic	1
Antineuropathic	1
Antineurotic	1
AntiNF-kB	1

Activity	Chemical Count
Antinitrosaminic	1
Antinociceptive	1
Antinyctalopic	1
Antiobesity	3
Antionychyotic	1
Antiophidic	1
Antiosteoarthritic	3
Antiosteoporotic	8
Antiosteotic	1
Antiototic	1
Antioxidant	10
Antiparkinsonian	1
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperoxidant	2
Antiplateau	4
Antiplasmodial	1
AntiPMS	4
Antipolio	2

Activity	Chemical Count
Antiprolactin	1
Antiproliferant	2
Antiprostaglandin	2
Antiprostatitic	1
Antiproteolytic	1
Antipsychotic	1
Antiradicular	5
AntiRaynaud's	1
Antirenitic	1
Antiretinopathic	1
Antirheumatic	3
Antischizophrenic	1
Antisclerodermic	1
Antiseborrheic	1
Antiseptic	7
Antisickling	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	3
Antispasmophilic	1

Activity	Chemical Count
Antistaphylococcic	1
Antistomatitic	1
Antistreptococcic	1
Antistress	2
Antistroke	2
Antisyndrome-X	6
Antithyroid	1
Antithyrotoxic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitumor	6
Antitumor (brain)	1
Antitumor (Breast)	1
Antitumor (Esophagus)?	1
Antitumor (Lung)	1
Antitumor (Prostate)	1
Antitumor-Promoter	3
Antiulcer	4
Antiulcerogenic	1

Activity	Chemical Count
Antivaginitic	1
Antiviral	8
Antiviral?	1
Antiyeast	2
Anxiolytic	5
AP-1-Inhibitor	1
Apoptotic	4
Astringent	5
ATPase-Inhibitor	1
Bacteristat	2
Beta-Blocker	1
Bronchodilator	1
Bronchorelaxant	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Cancer-Preventive	8
Cancer-Preventive?	1
Candida-SAP-Inhibitor	1
Candidicide	4
Carcinogenic	3

Activity	Chemical Count
Cardiomyopathogenic	1
Cardioprotective	6
Cardioprotective?	1
Cardiotoxic	1
Chelator	1
Cholagogue	1
Choleretic	3
Cholinergic	1
CNS-Depressant	2
CNS-Stimulant	1
Collagenic	1
Comedogenic	1
COMP-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
COX-1-Inhibitor	1
Cyclooxygenase-Inhibitor	3
Cytotoxic	3
Deiodinase-Inhibitor	1
Deliriant	1

Activity	Chemical Count
Deodorant	1
Depressant	1
Dermatitigenic	3
Detoxicant	1
Detoxicant (Alcohol)	1
Diuretic	3
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	1
FLavor	1
Floral-Inhibitor	1
Fungicide	6
Glucosyl-Transferase-Inhibitor	2
Goitrogenic	1
Gram(+)icide	1
Gram(-)icide	1
Hemostat	2
Hemostatic	1

Activity	Chemical Count
Hepatoprotective	5
Herbicide	1
HIV-RT-Inhibitor	1
Hypertensive	2
Hyperthyroid	1
Hypocholesterolemic	6
Hypoglycemic	4
Hypotensive	7
Hypotriglyceridemic	1
Immunomodulator	6
Immunostimulant	5
Immunosuppressant	4
Insectifuge?	1
Insulin-Sparing	2
Insulinogenic	3
Irritant	1
Juvabional	1
Keratolytic	1
Laxative	3
Leptingenic	1

Activity	Chemical Count
Lipoxygenase-Inhibitor	2
Lithogenic	1
Litholytic	1
MAO-Inhibitor	2
Memorigenic	1
Mucogenic	1
Musculotropic	1
Myorelaxant	3
Natriuretic	1
Nephrotoxic	6
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Pancreatotoxic	1
Parasiticide	1
Perfumery	1
Pesticide	17
Phytoalexin	1

Activity	Chemical Count
Phytohormonal	3
Polyamine-Synthesis-Inhibitor	1
Prooxidant	1
Propepic	1
Prostaglandin-Sparer	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychotropic	1
Quinone-Reductase-Inducer	1
Scabicide	1
Schizophrenigenic	1
Spermigenic	1
Styptic	1
Sunscreen	1
Taenicide	1
Testosteronigenic	1
Thyrotropic	1
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	1

Activity	Chemical Count
Toxic	1
Tranquilizer	2
Trichomonicide	1
Tyrosinase-Inhibitor	1
Uterorelaxant	1
Uterosedative	1
Vasodilator	3
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	4