

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Corylus avellana*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	2
Acarifuge	1
ACE-Inhibitor	7
Acidulant	1
Acnegenic	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	9
Allelochemic	2
Allergenic	4
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	5
Androgenic	2
Androgenic?	1
Anemiagenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	3
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiadrenalinic	1
Antiaflatoxin	2

Activity	Chemical Count
AntiAGE	2
Antiaggregant	6
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antiallergenic	1
Antiallergic	6
Antialopepic	4
Antialzheimeran	6
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	4
Antianemic	4
Antianginal	3
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	4
Antiartherosclerotic	2
Antiarthritic	14
Antiasthmatic	6
Antiatherosclerotic	8
Antibackache	1
Antibacterial	11
Antiberiberi	1

Activity	Chemical Count
AntiBPH	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Esophagus)?	1
Anticancer (Lung)	1
Anticanker	3
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	9
Anticephalagic	3
Anticervicaldysplasic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Anticirrhotic	1
Anticirrhotic?	1
Anticlaudificant?	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1
Anticonvulsant	3

Activity	Chemical Count
Anticorneotic	1
Anticoronary	5
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	7
Antidermatitic	3
Antidiabetic	11
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	3
Antiedemic	3
Antielastase	2
Antiencephalitic	2

Activity	Chemical Count
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antiescherichic	1
Antiestrogenic	2
Antifatigue	7
Antifeedant	6
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	3
Antifuruncular	1
Antigallstone	1
Antigastric	2
Antigastritic	2
Antigastrotic	1
Antigingivitic	4
Antiglaucomic	2
Antiglossitic	2
Antiglycosuric	1
Antigoiter	1
Antigonadotrophic	2
Antigonadotropic	1
Antigout	1

Activity	Chemical Count
Antigranular	1
Antigrey	1
AntiGTF	1
Antihangover	4
Antiheartburn	1
Antihemorrhagic	2
Antihepatitic	1
Antihepatotoxic	4
Antiherpetic	6
Antiherpetic?	1
Antihiccup	1
Antihistaminic	6
AntiHIV	5
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihypoglycemic	1
Antiichthyotic	1
Antiielus?	1
Antiimplantation	1
Antiimpotence	1
Antiinfarctal	1
Antiinfective	1

Activity	Chemical Count
Antiinfertility	4
Antiinflammatory	15
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1
Antiinsulinogenic	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antileishmanic	1
Antileptic	2
Antileukemic	5
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	2
Antileukotriene-D4	2
Antilipoperoxidant	2
Antilithic	2
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	5
Antimalarial	1
Antimanic	1
Antimastalgic	1
Antimastitic	1

Activity	Chemical Count
Antimeasles	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	3
Antimigraine	4
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	10
Antimyalgic	1
Antimyelotoxic	1
Antimyocarditic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	4
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	1
Antiobesity	5
Antionychyotic	1

Activity	Chemical Count
Antiophidic	2
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiototic	1
Antioxidant	18
Antiozenic	1
Antipancreatitic	1
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	1
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplaque	6
Antiplasmodial	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2

Activity	Chemical Count
Antipolio	1
Antipoliomyelitic	2
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	3
Antiprostaglandin	1
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	4
Antiprostatotic	1
Antipsoriac	2
Antipsychotic	1
Antipurpuric	1
Antipyretic	3
Antiradicular	7
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	2
Antirheumatic	7
Antirheumatitic?	1
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antisecretory	1
Antiseptic	7

Activity	Chemical Count
Antiserotonin	1
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	7
Antispasmophilic	1
AntiSpina-Bifida	1
Antistaphylococcic	2
Antistomatitic	1
Antistreptococcic	1
Antistress	4
Antistroke	3
Antisyndrome-X	7
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyrototoxic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	9
Antitumor (Bladder)	2
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1

Activity	Chemical Count
Antitumor (Colon)	2
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	5
Antitumor (Ovary)	1
Antitumor (Prostate)	3
Antitumor (Skin)	1
Antitumor (Stomach)	2
Antitumor-Promoter	5
Antiulcer	9
Antiulcerogenic	1
Antiuricosuric	1
Antivaginitic	1
Antivertigo	1
Antiviral	10
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	5
AP-1-Inhibitor	1
Aphidifuge	1
Apoptotic	6
Aromatase-Inhibitor	1
Artemicide	2
Asthma-preventive	1
Astringent	1
Atherogenic	1
ATPase-Inhibitor	2

Activity	Chemical Count
Bacteristat	1
Beta-Adrenergic Receptor Blocker	2
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	18
Cancer-Preventive?	1
Candidicide	6
Capillarigenic	1
Capillariprotective	1
Carcinogenic	3
Cardiomyopathogenic	1
Cardioprotective	10
Cardioprotective?	1
Cardiotonic	1
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	1
Chemopreventive	1
Choleretic	4
Circulotonic	2
CNS-Depressant	2
Cold-preventive	1

Activity	Chemical Count
Collagenic	2
Collyrium	1
Colorant	1
Comedogenic	1
Comedolytic	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	3
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Depressant	1
Dermatitigenic	2
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	1

Activity	Chemical Count
Diuretic	10
Dye	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	5
Expectorant	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	3
FLavor	3
Fungicide	5
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Goitrogenic	1
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hemostat	3
Hepatomagenic	1
Hepatoprotective	5
Hepatotonic	1
Hepatotoxic	1
HIV-RT-Inhibitor	2
Hypercholesterolemic	3

Activity	Chemical Count
Hyperglycemic	1
Hypertensive	2
Hyperthyroid	1
Hypocholesterolemic	15
Hypoglycemic	10
Hypolipemic	1
Hypolipidemic	2
Hypotensive	12
Hypotriglyceridemic	1
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	8
Immunostimulant	6
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insectifuge	3
Insectiphile	2
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	1
Keratolytic	1

Activity	Chemical Count
Larvostat	2
Laxative	4
Leptogenic	1
Lipoxygenase-Inhibitor	3
Lithogenic	2
Litholytic	1
Lubricant	3
MAO-A-Inhibitor	2
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mucogenic	2
Mucolytic	1
Mutagenic	3
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	3
NEP-Inhibitor	1
Nephrotoxic	5
Neuroprotective	3
Neurotransmitter	1
NF-kB-Inhibitor	3

Activity	Chemical Count
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Ovulant	1
Oxidase-Inhibitor	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Pancreatoxic	1
Paralytic	1
Paramecicide	1
Parasiticide	1
Percutaneostimulant	1
Perfumery	2
Pesticide	17
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Preservative	1
Proliferant	1
Prooxidant	2
Propecic	4
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2

Activity	Chemical Count
Protein-Kinase-C-Inhibitor	2
Protisticide	3
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Scabicide	1
Schizophrenigenic	1
Sedative	2
Serotonergic	1
Soap	1
Spermicide	2
Spermigenic	1
Suppository	1
Sweetener	1
Taenicide	1
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
Thyrotropic	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	5
Toxic	1
Tranquilizer	2
Trichomonicide	1
Triglycerigenic	1
Tumorigenic	1
Tyrosinase-Inhibitor	2

Activity	Chemical Count
Tyrosine-Kinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	1
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Uterorelaxant	1
Uterotrophic	1
Vasodilator	9
Vasopressor	1
VEGF-Inhibitor	2
Vulnerary	3
Xanthine-Oxidase-Inhibitor	2