

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

Activity	Chemical Count
Antioxidant	18
Cancer-Preventive	18
Pesticide	17
Antiinflammatory	15
Hypocholesterolemic	15
Antiarthritic	14
Hypotensive	12
Antidiabetic	11
Antibacterial	11
Diuretic	10
Antimutagenic	10
Antiviral	10
Hypoglycemic	10
Cardioprotective	10
Vasodilator	9
Antiosteoporotic	9
Antiulcer	9
Antitumor	9
Anticataract	9
Aldose-Reductase-Inhibitor	9
Antiatherosclerotic	8
Immunomodulator	8
Antisyndrome-X	7
Antirheumatic	7
Antifatigue	7
Antispasmodic	7
Antiseptic	7

Activity	Chemical Count
Antiradicular	7
ACE-Inhibitor	7
Antidepressant	7
Antiacne	7
Antiallergic	6
Antiaggregant	6
Antihistaminic	6
Antialzheimeran	6
Immunostimulant	6
Antiherpetic	6
Antiasthmatic	6
Candidicide	6
Antifeedant	6
Antiplaque	6
Apoptotic	6
Antihypertensive	6
AntiPMS	5
Anxiolytic	5
Anticoronary	5
Hepatoprotective	5
Topoisomerase-II-Inhibitor	5
Antileukemic	5
Antidementia	5
Antiobesity	5
Estrogenic	5
Antitumor-Promoter	5
Analgesic	5

Activity	Chemical Count
Antitumor (Lung)	5
Fungicide	5
Antimaculitic	5
AntiHIV	5
Nephrotoxic	5
AntiLyme	5
5-Alpha-Reductase-Inhibitor	4
Anticancer	4
Antiprostaitic	4
Antitumor (Breast)	4
Antimigraine	4
Antiepileptic	4
Antihangover	4
Antinociceptive	4
Antineuropathic	4
Insulinogenic	4
Propecic	4
Antimenopausal	4
Antiosteoarthritic	4
Antianemic	4
Antialopepic	4
Antiaging	4
Choleretic	4
Antiperiodontitic	4
Antiparkinsonian	4
Antiinfertility	4
Antiarrhythmic	4

Activity	Chemical Count
Laxative	4
Anticervicaldysplasic	4
Antihepatotoxic	4
Antialcoholic	4
Antigingivitic	4
Antistress	4
Anticlimacteric	4
Allergenic	4
Antiandrogenic	4
Anticanker	3
Quinone-Reductase-Inducer	3
Antidecubitic	3
Antipyretic	3
COX-2-Inhibitor	3
Antieczemic	3
FLavor	3
Antianginal	3
Anticephalagic	3
Antiflu	3
Anorexic	3
Mutagenic	3
AntiRaynaud's	3
Carcinogenic	3
AntiCFS	3
Antidote (Lead)	3
Antidermatitic	3
Neuroprotective	3

Activity	Chemical Count
Antistroke	3
Antidandruff	3
Hypercholesterolemic	3
Cytotoxic	3
Topoisomerase-I-Inhibitor	3
Flatugenic	3
NF-kB-Inhibitor	3
Uricosuric	3
Nematicide	3
Antifibrotic	3
Insectifuge	3
AntiCrohn's	3
Angiotensin-Receptor-Blocker	3
Antimetastatic	3
Anticolitic	3
Lubricant	3
Antiedemic	3
Antiproliferant	3
Antiangiogenic	3
Vulnerary	3
Protisticide	3
Antiinsomniac	3
Anticonvulsant	3
Antitumor (Prostate)	3
Hemostat	3
TNF-alpha-Inhibitor	3
Anticheilitic	3

Activity	Chemical Count
Lipoxygenase-Inhibitor	3
Antileukotriene	2
Artemicide	2
Antiglossitic	2
Collagenic	2
Antigastric	2
Antineuralgic	2
Antiperiodontic	2
Detoxicant	2
Inotropic	2
Antitumor (Stomach)	2
Mucogenic	2
Antimenorrhagic	2
Anticold	2
Antiendometriotic	2
Antilymphomic	2
Beta-Blocker	2
Antitriglyceride	2
Larvostat	2
Antipodriac	2
Antilipoperoxidant	2
Antidote (Aluminum)	2
VEGF-Inhibitor	2
NO-Inhibitor	2
Circulotonic	2
Protein-Kinase-C-Inhibitor	2
Insectiphile	2

Activity	Chemical Count
Tyrosine-Kinase-Inhibitor	2
Antifertility	2
Cyclooxygenase-Inhibitor	2
Tranquilizer	2
Androgenic	2
Antipsoriac	2
Antiartherosclerotic	2
Antimelanomic	2
Copper-Chelator	2
Allelochemic	2
MAO-A-Inhibitor	2
Antielastase	2
Antianorectic	2
Antipoliomyelitic	2
Antianaphylactic	2
ATPase-Inhibitor	2
11B-HSD-Inhibitor	2
Xanthine-Oxidase-Inhibitor	2
Ornithine-Decarboxylase-Inhibitor	2
Antiglaucomic	2
AntiAGE	2
Dermatitigenic	2
Antiretinotic	2
AntiMS	2
iNOS-Inhibitor	2
Antiestrogenic	2
Antiencephalopathic	2

Activity	Chemical Count
Antianxiety	2
Perfumery	2
Teratologic	2
Lithogenic	2
Beta-Adrenergic Receptor Blocker	2
5-Lipoxygenase-Inhibitor	2
Antileukotriene-D4	2
Spermicide	2
Antihemorrhagic	2
Antiphotophobic	2
Antileptic	2
Antigastric	2
Hypolipidemic	2
Anticarcinomic	2
Hypertensive	2
Prostaglandin-Synthesis-Inhibitor	2
Tyrosinase-Inhibitor	2
cAMP-Phosphodiesterase-Inhibitor	2
Antiophidic	2
Antihyperkinetic	2
Antilithic	2
Antigonadotrophic	2
Antidote (Cadmium)	2
CNS-Depressant	2
Sedative	2
Diaphoretic?	2
Antiaflatoxin	2

Activity	Chemical Count
Antimyocarditic	2
Antipellagic	2
Ubiquiot	2
Antifibrinolytic	2
HIV-RT-Inhibitor	2
Prooxidant	2
Cosmetic	2
Antitumor (Colon)	2
MAO-Inhibitor	2
Antiencephalitic	2
Calcium-Antagonist	2
Antitumor (Bladder)	2
Antistaphylococcic	2
Antiherpetic?	1
Antitic	1
Juvabional	1
Antidote (Mercury)	1
Erythrocytogenic	1
Osteogenic	1
Antisilicotic	1
ICAM-1-Inhibitor	1
Anticarpal-Tunnel	1
Antineurotic	1
Soap	1
Interferon-Synergist	1
Antipharyngitic	1
Antileishmanic	1

Activity	Chemical Count
Neurotransmitter	1
Antiseborrheic	1
Hypolipemic	1
Chemopreventive	1
Antiheartburn	1
Uricogenic	1
Antiacrodynic	1
Antiinsomnic	1
Antivaginitic	1
Natriuretic	1
Antifibrosarcomic	1
Hyperglycemic	1
Cardioprotective?	1
Prostaglandin-Sparer	1
Antipapillomic	1
Deiodinase-Inhibitor	1
Tumorigenic	1
Angiogenic	1
Antiinfective	1
Capillarigenic	1
Polyamine-Synthesis-Inhibitor	1
Amphiglycemic?	1
Antiichthyotic	1
Antitumor (Gastric)	1
Memorigenic	1
Gonadotrophic	1
Antiarabiflavinotic	1

Activity	Chemical Count
Antimastitic	1
Calmodulin-Antagonist	1
Anticirrhotic	1
Antionychyotic	1
Contraceptive	1
Testosteronigenic	1
Aldehyde-Oxidase-Inhibitor	1
Antihyperkeratotic	1
Litholytic	1
Antiprolactin	1
Paralytic	1
Antigrey	1
Colorant	1
Spermigenic	1
Acarifuge	1
Antidysgeuzic	1
Expectorant	1
Astringent	1
Oxidase-Inhibitor	1
Antigoiter	1
Antinitrosaminic	1
Antihepatitic	1
Antithrombic	1
Iodothyronine-Deiodinase-Inhibitor	1
Antipityriasic	1
Encephalopathic	1
Antiakathisic	1

Activity	Chemical Count
Aphidifuge	1
Antigastric	1
Anticarcinomic (Breast)	1
Antineurasthenic	1
Schizophrenigenic	1
Antiperistaltic	1
Diaphoretic	1
Urinary-Acidulant	1
Antiadrenalinic	1
Antiischemic	1
NEP-Inhibitor	1
Antirhinitic	1
Hyperthyroid	1
Anticancer (Cervix)	1
Antimyelotoxic	1
Cardiotoxic	1
Antistreptococcic	1
AntiCTS	1
Antiparotitic	1
Deodorant	1
Hepatotoxic	1
Proliferant	1
Anticomplementary	1
Antiimplantation	1
Antitumor (Ovary)	1
Metalloproteinase-Inhibitor	1
Hemolytic	1

Activity	Chemical Count
Phagocytotic	1
Anticlaudificant?	1
Antiophthalmic	1
Thyrotropic	1
Antihyperlipoproteinaemic	1
Antitumor (CNS)	1
Antiprostaglandin	1
Gastroprotective	1
Antimalarial	1
Bradycardiac	1
Parasiticide	1
Comedolytic	1
Sweetener	1
Acidulant	1
Antihydrophobic	1
Leptingenic	1
Antidysmenorrheic	1
Fibrinolytic	1
Antilupus	1
P450-Inhibitor	1
Antigonadotropic	1
AntiSpina-Bifida	1
Antithyrototoxic	1
JNK-Inhibitor	1
Antiplasmodial	1
Ergogenic	1
Antiallergenic	1

Activity	Chemical Count
Antileukoplakic	1
Aromatase-Inhibitor	1
Antishingles	1
Hypouricemic	1
Anticariogenic	1
Cold-preventive	1
Serotonergic	1
Antiperoxidant	1
Differentiator	1
Uterotrophic	1
Antikeshan	1
Antixerophthalmic	1
Antigallstone	1
Antiscotomic	1
Anticancer (Lung)	1
Antinephrolytic	1
Catabolic	1
PTK-Inhibitor	1
Antiperiodontal	1
Ulcerogenic	1
Antiacrodermatitic	1
Antiinsomniac?	1
Antiuricosuric	1
NADH-Oxidase-Inhibitor	1
Antifibromyalgic	1
AntiBPH	1
Anticorneotic	1

Activity	Chemical Count
Antipancreatic	1
Triglycerigenic	1
Anemiagenic	1
Antiinfarctal	1
Antitumor (Skin)	1
MMP-9-Inhibitor	1
Antipurpuric	1
Hepatomagenic	1
Plasmodicide	1
Anticoeliac	1
COX-1-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Antihypoglycemic	1
Antitumor (Esophagus)?	1
Mast-Cell-Stabilizer	1
Antiprostataadenomic	1
Goitrogenic	1
Antimastalgic	1
Calcium-Channel-Blocker	1
Antichilblain	1
COMT-Inhibitor	1
Aggregant	1
Antihypercholesterolemic	1
Antitumor (brain)	1
Antidysphagic	1
Antiprogestational	1
Antilymphocytic	1

Activity	Chemical Count
Pancreatoxic	1
Antigranular	1
Antihiccup	1
Antitinnitic	1
Keratolytic	1
Antidote (Paraquat)	1
Antipneumonic	1
Asthma-preventive	1
Ovulant	1
Antiglycosuric	1
Antispare-Tire	1
AntiNF-kB	1
Collyrium	1
Antithiamin	1
Interferonogenic	1
Antidiscotic	1
Dye	1
Vasopressor	1
AP-1-Inhibitor	1
Antisecretory	1
Antineuramidase	1
Scabicide	1
Antideliriant	1
Detoxicant (Alcohol)	1
Antiadenomic	1
Antiinsulinogenic	1
Antivertigo	1

Activity	Chemical Count
Antirheumatic?	1
Anticancer (Breast)	1
Antimyalgic	1
Cardiotonic	1
Antistomatitic	1
Demulcent	1
Mucolytic	1
Hepatotonic	1
Antibackache	1
Capillariprotective	1
Preservative	1
Antiototic	1
Cyclooxygenase-Activator	1
Toxic	1
Antielus?	1
Metal-Chelator (Copper)	1
Antienterotic	1
Antiprostatotic	1
Hematopoietic	1
Antimeasles	1
PGE2-Inhibitor	1
Anticirrhotic?	1
Copper-Antagonist	1
Thymoprotective	1
Antitumor (Cervix)	1
Beta-Glucuronidase-Inhibitor	1
Paramecicide	1

Activity	Chemical Count
AntiGTF	1
Antinitrosic	1
Comedogenic	1
Suppository	1
Antitrypanosomic	1
Antidyskinetic	1
Antipolio	1
Febrifuge	1
Antiamblyopic	1
Atherogenic	1
P450-Inducer	1
Antispasmophilic	1
Antithrombogenic	1
Irritant	1
Energizer	1
Antileukonychic	1
NO-Synthase-Inhibitor	1
Antiserotonin	1
Hypotriglyceridemic	1
Anticardiospasmic	1
Antineuritic	1
Antipermeability	1
Uterorelaxant	1
Antikeratitic	1
Antiviral?	1
Antifuruncular	1
Antiscorbutic	1

Activity	Chemical Count
Anticancer (Esophagus)?	1
Caspase-8-Inducer	1
Insulin-Sparing	1
Anticystitic	1
Depressant	1
Antiulcerogenic	1
Myorelaxant	1
Antiretinopathic	1
Antiberiberi	1
Antimitral-valve-prolapse	1
Cardiomyopathogenic	1
Immunosuppressant	1
Antiozenic	1
Cytochrome-P450-1A2-Inhibitor	1
Trichomonicide	1
Androgenic?	1
Antiimpotence	1
Metastatic	1
Antiescherichic	1
Antipsychotic	1
AntiMeniere's	1
Cancer-Preventive?	1
Phospholipase-Inhibitor	1
Antiorchitic	1
Antiprostanoid	1
Glucosyl-Transferase-Inhibitor	1
Antianorexic	1

Activity	Chemical Count
Antimanic	1
Percutaneostimulant	1
Antinyctalopic	1
COMP-Inhibitor	1
Taenicide	1
Acnegenic	1
Antihyperactivity	1
Antidyspeptic	1
Antiporphyrin	1
Fistula-Preventive	1
Bacteristat	1
PAF-Inhibitor	1
Antigout	1