

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Ribes nigrum

Activity	Chemical Count
(-)-Chronotropic	1
(-)-Inotropic	1
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	6
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acaricide	6
Acarifuge	1
ACE-Inhibitor	9
Acetylcholinergic	1
AChE-Inhibitor	2
Acidulant	2
Addictive	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	15
Allelochemic	9
Allelopathic	7
Allergenic	24
Allergenic?	1
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	2
Amphiglycemic?	1
Analgesic	14
Anaphrodisiac	1
Androgenic	1

Activity	Chemical Count
Androgenic?	1
Anemiagenic	1
Anesthetic	6
Angiotensin-Receptor-Blocker	3
Anhydrotic	1
Anorexic	2
Anthelmintic	2
Antiacetylcholinesterase	7
Antiacne	10
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiadenoviral	1
Antiadrenalinic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	12
Antiaging	5
Antiakathisic	1
Antialcoholic	7
Antialkali?	1
Antiallergenic	1
Antiallergic	10
Antialopepic	4
Antialzheimeran	6
Antialzheimeran?	2
Antiamblyopic	1

Activity	Chemical Count
Antianaphylactic	3
Antiandrogenic	3
Antianemic	3
Antianginal	3
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiapoplectic	1
Antiapoptotic	1
Antiarabiflavinotic	1
Antiarrhythmic	6
Antiartherosclerotic	2
Antiarthritic	15
Antiasphyctic	1
Antiasthmatic	9
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	13
Antibacillary	1
Antibackache	1
Antibacterial	37
Antiberiberi	1
AntiBPH	1
Antibronchitic	1
Anticalculic	1

Activity	Chemical Count
Anticancer	10
Anticancer (Breast)	1
Anticancer (Colon)	2
Anticancer (Esophagus)?	1
Anticancer (Fore stomach)	2
Anticancer (Liver)	2
Anticancer (Pancreas)	1
Anticancer (Skin)	2
Anticancer	3
Anticapillary-Fragility	1
Anticarcinogenic	4
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	6
Anticarpal-Tunnel	1
Anticataract	10
Anticatarrh	1
Anticephalagic	3
Anticervicaldysplastic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholinesterase	2
Anticirrhotic	1
Anticirrhotic?	1
Anticlastogen	3

Activity	Chemical Count
Anticlaudificant?	1
Anticlimacteric	4
Anticoagulant	2
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	3
Anticollegenase	1
Anticomplementary	2
Anticonvulsant	6
Anticorneotic	1
Anticoronary	5
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	2
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	8
Antidermatitic	5
Antidiabetic	15
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote	1

Activity	Chemical Count
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	4
Antiedemic	7
Antielastase	4
Antiencephalitic	2
Antiencephalopathic	5
Antiencephalopathic?	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	5
Antierhythmic	1
Antiescherichic	2
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	8
Antifeedant	11

Activity	Chemical Count
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	6
Antifuruncular	1
Antigallstone	2
Antigastric	2
Antigastritic	3
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	3
Antiglaucomic	3
Antiglossitic	1
Antiglutamaergic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
Antigranular	1
Antigrey	1
AntiGTF	1
Antihalitotic	1
Antihangover	5
Antiheartburn	1
Antihelicobacter	1

Activity	Chemical Count
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotoxic	10
Antitherpetic	10
Antitherpetic?	1
Antihiccup	1
Antihistaminic	11
AntiHIV	8
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	4
Antihyperglycemic	1
Antihyperinsulinemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperleptinemic	1
Antihypertensive	9
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antielus?	1
Antiimplantation	1

Activity	Chemical Count
Antiimpotence	2
Antiinfarctal	1
Antiinfective	1
Antiinfertility	4
Antiinflammatory	34
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1
Antiischemic	2
Antikeratitic	1
Antikeshan	1
Antiketotic	2
Antilaryngitic	1
AntiLegionella	3
Antileishmanic	3
Antileptic	2
Antileukemic	9
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	3
Antilipoperoxidant	2
Antilithic	5
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphocytic	1

Activity	Chemical Count
Antilymphomic	3
Antimaculitic	6
Antimalarial	3
Antimange	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	4
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	4
Antimetastatic	6
Antimetastatic (Stomach)	1
Antimigraine	4
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	23
Antimyalgic	1
Antimyocarditic	2
Antimyopic	1
Antinauseant	1
Antineoplastic	1
Antinephritic	1

Activity	Chemical Count
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	8
Antinitrosic	1
Antinociceptive	7
Antinyctalopic	3
Antiobesity	9
Antionychyotic	2
Antiophidic	2
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiotitic	1
Antiototic	1
Antioxidant	36
Antioxidant Synergist	1
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1

Activity	Chemical Count
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	3
Antipeptic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	8
Antipharyngitic	2
Antiphotophobic	2
Antipityriasic	1
Antiplantar	1
Antiplatelet	6
Antiplasmodial	2
Antiplatelet	1
AntiPMS	6
Antipneumonic	2
Antipodriac	2
Antipolio	3
Antipoliomyelitic	2
Antiporphyrin	1
Antiprolactin	1
Antiproliferant	9
Antiprostaglandin	2
Antiprostanoid	1

Activity	Chemical Count
Antiprostatic	6
Antiprotozoal	1
Antipruritic	1
Antipsoriac	2
Antipurpuric	2
Antipyretic	4
Antiradicular	18
AntiRaynaud's	4
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatalgic	2
Antirheumatic	8
Antirheumatitic?	1
Antirhinitic	2
Antisalmonella	2
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	2
Antiseptic	30
Antiserotonin	2
Antishingles	1
Antishock	1
Antisickling	2
Antisilicotic	1
Antisinusitic	1

Activity	Chemical Count
Antispare-Tire	1
Antispasmodic	24
Antispasmophilic	1
Antistaphylococcic	7
Antistomatitic	2
Antistreptococcic	3
Antistress	4
Antistroke	3
Antisunburn	3
Antisyncopic	1
Antisyndrome-X	6
Antitartar	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	2
Antithyroid	3
Antithyrototoxic	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	2
Antitumor	20
Antitumor (Bladder)	2
Antitumor (brain)	1
Antitumor (Breast)	5
Antitumor (CNS)	1

Activity	Chemical Count
Antitumor (Colon)	8
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	4
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	5
Antitumor (Skin)	5
Antitumor (Stomach)	3
Antitumor-Promoter	8
Antitussive	3
Antiulcer	16
Antiulcerogenic	2
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	3
Antivertigo	1
Antiviral	18
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	7
AP-1-Inhibitor	1
Aphrodisiac	1

Activity	Chemical Count
Apoptotic	8
Aromatase-Inhibitor	1
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Avicide	1
Avifuge	1
Bactericide	1
Bacteristat	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	4
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	4
Cancer-Preventive	32
Candidicide	11
Candidistat	2

Activity	Chemical Count
Capillarigenic	1
Capillariprotective	2
Carcinogenic	6
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	12
Cardiotonic	2
Cardiotoxic	1
Carminative	3
Catabolic	3
Cerebrotoxic	1
Chemopreventive	10
Cholagogue	3
Choleretic	10
Cholesterolytic	1
Cicatrizant	1
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	6
CNS-Paralytic	1
CNS-Stimulant	3
Co-carcinogenic	1
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2

Activity	Chemical Count
Collyrium	1
Colorant	2
Comedogenic	1
Comedolytic	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Contraceptive	1
Convulsant	1
Copper-Antagonist	1
Copper-Chelator	2
Corrosive	1
Cosmetic	1
Counterirritant	3
COX-1-Inhibitor	3
COX-2-Inhibitor	6
Culicide	1
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytoprotective	2
Cytotoxic	6
Decongestant	1
Degranulant	1
Deiodinase-Inhibitor	1
Demulcent	2
Dentifrice	2

Activity	Chemical Count
Deodorant	2
Depressant	1
Dermatitigenic	4
Detoxicant	3
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	3
Differentiator	1
Disinfectant	1
Diuretic	14
DNA-Active	1
DNA-Protective	1
Dye	1
Edemagenic	1
Embryotoxic	1
Emetic	2
Encephalopathic	2
Energizer	1
Enterocontractant	1
Ergogenic	1
Erythrocytogenic	1
Essential	4
Estrogenic	3
Estrogenic?	1
Expectorant	10
Fatal	1
Fibrinolytic	1

Activity	Chemical Count
Fistula-Preventive	1
Flatugenic	1
FLavor	33
Fungicide	27
Fungiphilic	1
Fungistat	2
Fungitoxic	1
GABA-nergic	1
Gastroprotective	3
Glucosyl-Transferase-Inhibitor	1
Glutathionalytic	1
Glutathione-Depleting	1
Goitrogenic	1
Gram(+)icide	1
Gram(-)icide	1
GST-Inducer	1
Hallucinogenic	1
Hemolytic	1
Hemostat	8
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	9
Hepatotonic	2
Hepatotoxic	4
Hepatotropic	2
Herbicide	10

Activity	Chemical Count
Herpetifuge	1
Histamine-Inhibitor	2
Histaminic	1
HIV-RT-Inhibitor	2
Hormone	1
Hydrocholerectic	1
Hypercholesterolemic	2
Hyperglycemic	2
Hypertensive	3
Hypnotic	2
Hypoammonemic	1
Hypocalcemic	1
Hypocholesterolemic	13
Hypocholesterolemic?	1
Hypoglycemic	10
Hypolipidemic	2
Hypotensive	16
Hypothermic	2
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	11
Immunostimulant	13
Immunosuppressant	1
Inflammatory	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	8

Activity	Chemical Count
Insectifuge	21
Insectiphile	7
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	18
JNK-Inhibitor	1
Juvabional	3
Keratitigenic	1
Keratolytic	1
Larvicide	2
Larvostat	4
Laxative	7
Laxative?	1
Leptingenic	1
Leukotriene-Inhibitor	2
Lipolytic	1
Lipoxygenase-Inhibitor	9
Lithogenic	2
Litholytic	2
Lubricant	2
Lyase-Inhibitor	1
Lymphocytogenic	1
MAO-A-Inhibitor	2

Activity	Chemical Count
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	3
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	3
Mucogenic	2
Mucolytic	2
Mucotropic	1
Mutagenic	5
Mycobactericide	2
Myoprotective	1
Myorelaxant	5
NADH-Oxidase-Inhibitor	1
Narcotic	3
Natriuretic	1
Nematicide	9
Neoplastic	2
NEP-Inhibitor	1
Nephrotoxic	4
Neuroexcitant	1

Activity	Chemical Count
Neurolytic	1
Neuroprotective	4
Neurotoxic	4
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	3
NO-Inhibitor	4
NO-Scavenger	1
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	2
Oxidase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	3
P450-Inducer	3
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Parasiticide	1
Pediculicide	1
Percutaneostimulant	1
Perfume	1
Perfumery	20
Peristaltic	2

Activity	Chemical Count
Pesticide	56
Peticide	1
PGE2-Inhibitor	1
Phagocytotic	4
Phospholipase-Inhibitor	1
Photosensitizer	1
Pigment	3
Pituitary-Stimulant	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Preservative	3
Proliferant	1
Prooxidant	7
Propecic	5
Prostaglandigenic	4
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	4
Protein-Kinase-C-Inhibitor	2
Protisticide	3
PTK-Inhibitor	1
Pulifuge	1
Pulmonotoxic	1
Quinone-Reductase-Inducer	4
Radioprotective	1
Refrigerant	1
Renotoxic	1
Respirapalytic	1

Activity	Chemical Count
Respirotoxic	1
Retinoprotectant Optometry	1
Roborant	1
Rubefacient	2
Scabicide	1
Schizophrenigenic	1
Sclerosant	1
Scolicide	1
Secretagogue	2
Sedative	13
Serotoninerpic	1
Soap	2
Spasmogenic	5
Spermicide	1
Spermigenic	2
Stimulant	1
Sunscreen	4
Suppository	1
Surfactant	2
Sweetener	3
Teratogenic	1
Teratologic	2
Termiticide	2
Termitifuge	2
Testosterone-Hydroxylase-Inducer	1
Testosteronigenic	1
Thymoprotective	1

Activity	Chemical Count
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	5
Toxic	1
Tranquilizer	3
Transdermal	5
Tremorolytic	1
Trichomonicide	6
Triglycerigenic	1
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	7
Tyrosine-Kinase-Inhibitor	2
Ubiquit	4
Ulcerogenic	2
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
Varroacide	1
Vasoactive	1
Vasoconstrictor	1
Vasodilator	14
Vasopressor	2
Vasoprotective	1

Activity	Chemical Count
VEGF-Inhibitor	2
Vermifuge	1
Verrucolytic	1
Vulnerary	7
Xanthine-Oxidase-Inhibitor	4