

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Rubus idaeus*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-HETE-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	3
Abortifacient	1
Acaricide	1
ACE-Inhibitor	6
Acetylcholinergic	1
Acidulant	3
Additive	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	10
Allelochemic	5
Allelopathic	3
Allergenic	16
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	12
Androgenic	2
Androgenic?	1
Anemiagenic	2
Anesthetic	3
Angiogenic	1

Activity	Chemical Count
Angiotensin-Receptor-Blocker	3
Anhydrotic	1
Anorexic	2
Anthelmintic	4
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	2
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	3
AntiAGE	2
Antiaggregant	11
Antiaging	6
Antiakathisic	1
Antialcoholic	5
Antiallergenic	1
Antiallergic	8
Antialopepic	4
Antialzheimeran	7
Antiamblyopic	1
Antianaphylactic	5
Antiandrogenic	4
Antianemic	3
Antianginal	4
Antiangiogenic	5
Antianorectic	2

Activity	Chemical Count
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	5
Antiartherosclerotic	3
Antiarthritic	14
Antiasthmatic	8
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	13
Antibackache	1
Antibacterial	28
Antiberiberi	1
AntiBPH	1
Antibronchitic	2
Anticalculic	1
Anticancer	12
Anticancer (Breast)	3
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Esophagus)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	2
Anticancer (Lung)	2
Anticancer (Mouth)	1

Activity	Chemical Count
Anticancer (Pancreas)	2
Anticancer (Skin)	2
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	2
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticarcinomic (Colon)	1
Anticarcinomic (Lung)	1
Anticardiospasmic	1
Anticariogenic	6
Anticariogenic?	1
Anticarpal-Tunnel	1
Anticataract	11
Anticephalagic	3
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Antichorea	1
Antichoreic	1
Anticirrhotic	1
Anticlastogen	3
Anticlaudificant?	1
Anticlimacteric	4
Anticoagulant	2
Anticoeliac	1

Activity	Chemical Count
Anticold	2
Anticolitic	3
Anticomplementary	2
Anticonvulsant	6
Anticorneotic	1
Anticoronary	6
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	3
Antidecubitic	4
Antideliriant	1
Antidementia	7
Antidepressant	7
Antidermatitic	6
Antidermatotic	1
Antidiabetic	18
Antidiarrheic	2
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1

Activity	Chemical Count
Antidyskinetic	1
Antidysmenorrhic	3
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	5
Antiedemic	5
Antielastase	3
Antiencephalitic	2
Antiencephalopathic	2
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antiepitheleomic	1
Antierhythmic	1
Antiescherichic	3
Antiestrogenic	3
Antifatigue	9
Antifeedant	6
Antifertility	3
Antifibrinolytic	3
Antifibromyalgic	2
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	3
Antiflu	3

Activity	Chemical Count
Antifuruncular	1
Antigallstone	2
Antigastric	1
Antigastritic	3
Antigastrotic	2
Antigingivitic	3
Antiglaucomic	4
Antiglossitic	1
Antiglycosation	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	2
Antigout	1
Antigranular	1
AntiGTF	2
Antihangover	5
Antiheartburn	1
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotoxic	11
Antiherpetic	10
Antiherpetic?	1
Antihiccup	1

Activity	Chemical Count
Antihistaminic	7
AntiHIV	9
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	2
Antihyperglycemic	2
Antihyperinsulinemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperleptinemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyosic	1
Antiichthyotic	1
Antiilus?	1
Antiimplantation	1
Antiimpotence	1
Antiinfarctal	1
Antiinfective	1
Antiinfertility	4
Antiinflammatory	24
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1
Antiischemic	3

Activity	Chemical Count
Antikeratitic	1
Antikeshan	1
Antiketotic	3
AntiLegionella	2
Antileishmanic	3
Antileptic	2
Antileukemic	12
Antileukonychic	1
Antileukoplakic	1
Antileukorrhic	1
Antileukotriene	5
Antileukotriene-D4	3
Antilipolytic	2
Antilipoperoxidant	3
Antilithic	4
Antilupus	2
AntiLyme	5
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	7
Antimalarial	3
Antimastalgic	2
Antimastitic	1
AntiMD	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	7

Activity	Chemical Count
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	5
Antimigraine	4
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	4
Antimutagenic	24
Antimyalgic	1
Antimyocarditic	2
Antimyoclonic	1
Antinauseant	1
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	4
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	6
Antinitrosic	1
Antinociceptive	4

Activity	Chemical Count
Antinyctalopic	2
Antiobesity	7
Antionychomycotic	1
Antionychyotic	1
Antiophidic	4
Antiophthalmic	2
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiotitic	2
Antiototic	1
Antioxidant	33
Antioxidant Synergist	3
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	5
Antiparotitic	1
Antipellagic	2
Antipeptic	1
Antiperiodic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	11

Activity	Chemical Count
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	5
Antiplateque?	1
Antiplasmodial	2
Antiplatelet	1
AntiPMS	6
Antipneumonic	1
Antipodagric	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	8
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	4
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	3
Antipurpuric	1

Activity	Chemical Count
Antipyretic	4
Antiradicular	20
AntiRaynaud's	3
Antirenitic	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinopathic?	1
Antiretinotic	2
AntiReye's	1
Antirheumatic	9
Antirheumatitic?	1
Antirhinitic	1
Antisalmonella	3
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	3
Antisenility	1
Antiseptic	20
Antiserotonin	2
Antishingles	1
Antisickling	3
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	18
Antispasmophilic	1
Antistaphylococcic	3
Antisterility	1

Activity	Chemical Count
Antistomatitic	2
Antistreptococcic	2
Antistress	4
Antistroke	4
Antisunburn	3
Antisyncopic	1
Antisyndrome-X	7
Antithalassemic	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithrombotic	1
Antithromboxane-B2	1
Antithyroid	3
Antitic	1
Antitinnitic	1
Antitoxemic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	3
Antitumor	23
Antitumor (Bladder)	2
Antitumor (brain)	1
Antitumor (Breast)	7
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	7

Activity	Chemical Count
Antitumor (Colorectal)	1
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	6
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	5
Antitumor (Skin)	4
Antitumor (Stomach)	3
Antitumor-Promoter	10
Antitussive	2
Antitympanic	1
Antiulcer	10
Antiulcerogenic	3
Antivaccinia	1
Antivaginitic	3
Antivaricose	2
Antivertigo	1
Antiviral	14
Antiviral?	1
Antixerophthalmic	1
Antixerotic	1
Antiyeast	2
Anxiolytic	6
AP-1-Inhibitor	1

Activity	Chemical Count
Apoptotic	12
Aromatase-Inhibitor	1
Artemicide	1
Arteriodilator	1
Ascaricide	2
Asthma-preventive	1
Astringent	4
Atherogenic	1
ATPase-Inhibitor	1
Bacteristat	3
Beta-Adrenergic Receptor Blocker	5
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bilirubinolytic	1
Bradycardiac	1
Bronchodilator	1
Bruchifuge	1
Bruchiphobe	2
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	4
Cancer-Preventive	34
Candida-SAP-Inhibitor	1
Candidicide	8
Capillarigenic	1
Capillariprotective	2

Activity	Chemical Count
Carcinogenic	7
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	12
Cardiotonic	2
Cardiotoxic	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	2
Cataractagenic	1
Cathartic	1
Cerebroprotective	1
Chelator	1
Chemopreventive	6
Cholagogue	2
Choleretic	9
Choline-Sparing	1
Circulatory-Stimulant	1
Circulotonic	3
Clastogenic	1
CNS-Active	1
CNS-Depressant	3
CNS-Sedative	1
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1

Activity	Chemical Count
Collagenic	2
Collyrium	1
Colorant	4
Comedolytic	2
COMP-Inhibitor	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
Corrosive	1
Cosmetic	1
Counterirritant	1
COX-1-Inhibitor	3
COX-2-Inhibitor	7
Cyclooxygenase-Inhibitor	6
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytoprotective	2
Cytotoxic	8
Deiodinase-Inhibitor	2
Demulcent	2
Deodorant	1
Depressant	1
Dermatitigenic	4
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1

Activity	Chemical Count
Diaphoretic	1
Diaphoretic?	3
Differentiator	1
Disinfectant	1
Diuretic	11
DNA-Active	1
DNA-Protective	1
Dye	2
Embryotoxic	1
Emetic	4
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	4
Estrogenic?	1
Expectorant	4
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	2
Flatulent	1
FLavor	18
Floral-Inhibitor	1
Fungicide	17
Fungistat	3
Fungitoxic	1

Activity	Chemical Count
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	3
Glutathione-Depleting	1
Gonadotrophic	1
Gram(+)icide	1
Gram(-)icide	1
Hemolytic	1
Hemopoietic	1
Hemostat	6
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	14
Hepatotoxic	3
Hepatotropic	2
Herbicide	3
Histamine-Inhibitor	1
HIV-RT-Inhibitor	3
Humectant	1
Hydrocholerectic	1
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	2
Hyperuricemic	1
Hypnotic	1
Hypocalcemic	1
Hypocholesterolemic	17

Activity	Chemical Count
Hypoglycemic	10
Hypolipidemic	3
Hypotensive	11
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	11
Immunostimulant	13
Immunosuppressant	5
iNOS-Inhibitor	2
Inotropic	2
Insecticide	3
Insectifuge	10
Insectiphile	3
Insulin-Sparing	2
Insulinogenic	6
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	11
JNK-Inhibitor	1
Juvabional	4
Keratitogenic	1
Keratolytic	2
Larvostat	3
Laxative	8
Laxative?	2
Leptinogenic	1

Activity	Chemical Count
Leukotriene-Inhibitor	1
Lipolytic	1
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	8
Lithogenic	1
Litholytic	2
Lubricant	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Motor-Depressant	2
Mucogenic	2
Mucolytic	2
Mucotropic	1
Mutagenic	3
Mycobactericide	3
Myoprotective	1
Myorelaxant	3
NADH-Oxidase-Inhibitor	1

Activity	Chemical Count
Narcotic	1
Natriuretic	1
Nematicide	7
Nematostat	1
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	3
Neurolytic	1
Neuroprotective	4
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	5
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	1
P21-Inducer	1
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	2
Pancreatogenic	1
Parasiticide	1
Percutaneostimulant	2
Perfume	1
Perfumery	9

Activity	Chemical Count
Peristaltic	1
Pesticide	45
PGE2-Inhibitor	1
Phagocytotic	4
Pheromonal	1
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	2
Pigment	2
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Preservative	3
Previtamin-A	1
Proliferant	1
Prooxidant	4
Propecic	4
Prostaglandigenic	5
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	3
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Purgative	1
Quinone-Reductase-Inducer	4
Radioprotective	1
Refrigerant	1

Activity	Chemical Count
Respirotoxic	1
Retinoprotectant Optometry	1
Reverse-Transcriptase-Inhibitor	1
Rodenticide	1
Rubefacient	2
Schizophrenigenic	1
Sclerosant	1
Secretagogue	3
Sedative	6
Serotoninerpic	1
Sialogogue	1
Soap	1
Spermicide	2
Spermigenic	1
Stimulant	1
Styptic	1
Sunscreen	4
Suppository	1
Surfactant	1
Sweetener	8
Taenicide	1
Teratogenic	1
Teratologic	2
Termiticide	1
Testosteronigenic	1
Thermogenic	1
Thymoprotective	1

Activity	Chemical Count
Tineacide	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	5
Topoisomerase-II-Inhibitor	7
Toxic	1
Tranquilizer	2
Transdermal	1
Tremorolytic	1
Trichomonicide	4
Triglycerigenic	1
Tumorigenic	2
Tyrosinase-Inhibitor	6
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	6
Ulcerogenic	4
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
Vasoconstrictor	1
Vasodilator	11
Vasopressor	1
VEGF-Inhibitor	3
Verrucolytic	1

Activity	Chemical Count
Vitamin-A-Activity	1
Vulnerary	6
Xanthine-Oxidase-Inhibitor	8