

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Pyrus communis*

Activity	Chemical Count
Antichilblain	1
Antimitotic	1
Asthma-preventive	1
Metalloproteinase-Inhibitor	1
Antihemolytic	1
Antirhinitic	1
Fibrinolytic	1
Tinnitogenic	1
Antidote (Hypoglycin-A)	1
Clastogenic	1
P450-Inhibitor	1
Antianorexic	1
Antiinsomnic	1
Immunosuppressant	1
AntiMeniere's	1
AP-1-Inhibitor	1
MAO-A-Inhibitor	1
Antigranular	1
Antiretinitic Optometry	1
Ergogenic	1
Antidiarrheic	1
Cholagogue	1
Antiinfective	1
Antithyroid	1
Hypotriglyceridemic	1
Antimastitic	1
Antivertigo	1

Activity	Chemical Count
DNA-Protective	1
Serotonergic	1
Antiobesity?	1
Cardioprotective?	1
Antihypoglycemic	1
AntiTGF-beta	1
Hypoarginanemic	1
Antipneumonic	1
11B-HSD-Inhibitor	1
Antiprogesterone	1
Diaphoretic?	1
Roborant	1
Neuroexcitant	1
Antiakathic	1
Antihyperkeratotic	1
Histamine-Inhibitor	1
Urine-Acidifier	1
Antipityriasis	1
Anticancer (Breast)	1
Leptogenic	1
Antiporphyrin	1
Depigmentor	1
Antineurasthenic	1
Calcium-Channel-Blocker	1
Natriuretic	1
Antiadrenalinic	1
Antihydrophobic	1

Activity	Chemical Count
Hepatomagenic	1
Contraceptive	1
Phospholipase-Inhibitor	1
Keratitigenic	1
Anticoeliac	1
Bitter	1
Antiacid	1
Hematopoietic	1
Trichomonicide	1
Antidysmenorrheic	1
Peristaltic	1
Interferonogenic	1
Prostaglandigenic	1
Anticirrhotic	1
Antimorphinic	1
Androgenic?	1
Antischizophrenic	1
TOPO-2-Inhibitor	1
Antidote (Mercury)	1
Antiozenic	1
Pancreatoxic	1
Antiaphthic	1
Antiischemic	1
Inotropic	1
Polyamine-Synthesis-Inhibitor	1
Memorigenic	1
Alpha-Reductase-Inhibitor	1

Activity	Chemical Count
AntiGTF	1
Teratologic	1
Antidote (Acetaminophen)	1
Antiotitic	1
Choline-Sparing	1
Osteolytic	1
Antitinnitic	1
Ileorelaxant	1
Anticardiospasmic	1
Antiviral?	1
Lubricant	1
Aldehyde-Oxidase-Inhibitor	1
Antiglycosuric	1
Antiophidic	1
Cardiotoxic	1
Antielus?	1
Antithrombic	1
Antiuremic	1
Leukotriene-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Antiprostatotic	1
Disinfectant	1
Schizophrenigenic	1
Antialdosteronic	1
Hypercholesterolemic	1
Uterorelaxant	1
Antienteritic	1

Activity	Chemical Count
Anticancer (Esophagus)?	1
cAMP-Phosphodiesterase-Inhibitor	1
Neoplastic	1
Antihyperammonemic	1
AntiSpina-Bifida	1
Hepatotoxic	1
Antipharyngitic	1
Copper-Antagonist	1
Piscicide	1
AntiBPH	1
Larvostat	1
Antinephrolytic	1
Bruchifuge	1
Myorelaxant	1
Antiacrodermatitic	1
Antisickling	1
Hemopoietic	1
Antidysphagic	1
Comedolytic	1
Antiatheromic	1
Antileukonychic	1
Antitumor (Gastric)	1
Interleukin-6-mRNA-Inhibitor	1
Antipolio	1
Anticlaudificant?	1
Beta-Adrenergic Receptor Blocker	1
Anesthetic	1

Activity	Chemical Count
Antihepatomic	1
Antiscorbutic	1
Gastroprotective	1
Topoisomerase-II-Inhibitor	1
Antidote (Paraquat)	1
Antipapillomic	1
Cold-preventive	1
Antikeshan	1
Proliferant	1
Artemicide	1
Metal-Chelator (Copper)	1
Anabolic	1
Antiheartburn	1
Antirheumatic?	1
Thymoprotective	1
P450-Inducer	1
Antiinsomniac?	1
Anticarpal-Tunnel	1
Antimelasmic	1
Lymphocytogenic	1
Antigout	1
Antiretardation	1
Energizer	1
Spermicide	1
Antidiabetic?	1
Odontolytic	1
Antiinfarctal	1

Activity	Chemical Count
Antithyretropic	1
Anticarcinogenic	1
Antimastalgic	1
ACE-Inhibitor	1
DNA-Active	1
Neurotransmitter	1
Antialkalotic	1
Hypoammonemic	1
Vasopressor	1
Antifuruncular	1
Detoxicant (Alcohol)	1
Retinoprotectant Optometry	1
AntiCTS	1
AntiNF-kB	1
Cancer-Preventive?	1
Antihyperglycemic	1
Herbicide	1
Urinary-Antiseptic	1
Antiencephalopathic?	1
Deodorant	1
Antineuramidase	1
Narcotic	1
Antiadenoviral	1
Antihomocystinuric	1
Antispasmodic	1
Hepatocarcinogenic	1
Tyrosine-Kinase-Inhibitor	1

Activity	Chemical Count
Antipermeability	1
COMT-Inhibitor	1
Phagocytotic	1
Antibackache	1
Antipolyneuritic	1
Anticoagulant	1
Antimyelotoxic	1
Glutathionigenic	1
Antidyskinetic	1
Antiparotitic	1
Antitumor (CNS)	1
Interferon-Synergist	1
Cytoprotective	1
Anticholestatic	1
Antimitral-valve-prolapse	1
Metastatic	1
Androgenic	1
Antihemorrhagic	1
Fistula-Preventive	1
CNS-Active	1
Pancreatogenic	1
Antiinsulinogenic	1
iNOS-Inhibitor	1
Plasmodicide	1
Aphrodisiac	1
Mast-Cell-Stabilizer	1
Alpha-Amylase-Inhibitor	1

Activity	Chemical Count
Antigrey	1
Antiretinopathic	1
Erythrocytogenic	1
Sunscreen	1
Antidiscotic	1
Antiosteotic	1
Osteogenic	1
Antitic	1
Hypouricemic	1
Anticarcinomic (Breast)	1
Antimeasles	1
Adjuvant	1
Antipyretic	1
Elastase-Inhibitor	1
Sialogogue	1
Antidepressant?	1
Antionychotic	1
NO-Genic	1
Antiichthyotic	1
Verrucolytic	1
Antiestrogenic	1
Leucocytogenic	1
Antigastric	1
Differentiator	1
Scabicide	1
Antinitrosic	1
Capillariprotective	1

Activity	Chemical Count
Neuroinhibitor	1
HIV-RT-Inhibitor	1
Urine-Deodorant	1
Antiendotoxic	1
Antiplantar	1
Cyanogenic	1
Anticancer (Colon)	1
Antiprolactin	1
Depressant	1
PTK-Inhibitor	1
Anticorneotic	1
Antineuritic	1
Calmodulin-Antagonist	1
Antiaflatoxin	1
Antihyperactivity	1
Antispasmophilic	1
Ulcerogenic	1
Antipertussive	1
Convulsant	1
Phytohormonal	1
Antiberiberi	1
Keratolytic	1
Bradycardiac	1
Antiherpetic?	1
Antishingles	1
Hemolytic	1
Trypanocide	1

Activity	Chemical Count
Antidyspeptic	1
Comedogenic	1
Peroxynitrite-Scavenger	1
Antiatherogenic	1
Antitumor (Esophagus)?	1
Interleukin-1-alpha-Inhibitor	1
Deiodinase-Inhibitor	1
Prostaglandin-Sparer	1
Anticirrhotic?	1
Monoamine-Precursor	1
Antihepatoadenomic	1
Antisclerodermic	1
Topoisomerase-I-Inhibitor	1
Antidote (Paracetamol)	1
Antipancreatic	1
Parasiticide	1
Antiarabiflavinotic	1
Antikeratitic	1
Potassium-Sparing	1
Aromatase-Inhibitor	1
Metal-Chelator	1
Amphiglycemic?	1
Testosteronigenic	1
Antiototic	1
Cholinergic	1
Antixerophthalmic	1
Lyase-Inhibitor	1

Activity	Chemical Count
Encephalopathic	1
Sodium-Sparing	1
Antiorchitic	1
Catabolic	1
NO-Synthase-Inhibitor	1
Antiamblyopic	1
Antithromboxane	1
Hypolipidemic	1
Antivaccinia	1
Lipotropic	1
Acarifuge	1
Antigastroic	1
Antipruritic	1
Scolicide	1
Antideliriant	1
Cardiomyopathogenic	1
Neurotoxic	1
Antialkali?	1
Antisunburn	1
Antienterotic	1
Antiproliferative	1
Detoxicant	1
Refrigerant	1
Antineurotic	1
NEP-Inhibitor	1
Urinary-Acidulant	1
Antiphenylketonuric	1

Activity	Chemical Count
Copper-Chelator	1
Pituitary-Stimulant	1
Anticalclic	1
Antilupus	1
Anticomplement	1
Bruchiphobe	1
NADH-Oxidase-Inhibitor	1
Antiacrodynic	1
Antisilicotic	1
Antiperistaltic	1
COMP-Inhibitor	1
PGE2-Inhibitor	1
Antileukoplakic	1
Demulcent	1
Protease-Inhibitor	1
Antimyalgic	1
Antihepatotic	1
Antiscotomic	1
Glucosyl-Transferase-Inhibitor	1
Antidysgeuzic	1
Collagen-Sparing	1
Perfume	1
AntiLegionella	1
Antitumor (Cervix)	1
Cytochrome-P450-1A2-Inhibitor	1
Antioxidant Synergist	2
Antitubercular	2

Activity	Chemical Count
Spermigenic	2
Antifibromyalgic	2
Anticarcinomic	2
Lithogenic	2
Acidulant	2
Antiglaucomic	2
Antipsychotic	2
VEGF-Inhibitor	2
Antigallstone	2
Anticystitic	2
Antinitrosaminic	2
Antistreptococcic	2
Antiendometriotic	2
Antilymphomic	2
Protisticide	2
Ubiquiot	2
Antimyocarditic	2
Mycobactericide	2
Colorant	2
Antileptic	2
ATPase-Inhibitor	2
MMP-9-Inhibitor	2
Antitumor (Bladder)	2
Antiretinotic	2
Antimelanogenic	2
Soap	2
NO-Inhibitor	2

Activity	Chemical Count
Antinociceptive	2
Neuroprotective	2
Antihyperlipidemic	2
Dermatitigenic	2
AntiAGE	2
Antiencephalitic	2
Tumorigenic	2
Deliriant	2
Prostaglandin-Synthesis-Inhibitor	2
Mucogenic	2
Percutaneostimulant	2
Insulin-Sparing	2
Expectorant	2
Antidote (Cadmium)	2
Circulotonic	2
Antianorectic	2
Antifibrinolytic	2
Antivaginitic	2
Antigingivitic	2
Antipsoriac	2
Sedative	2
Antihyperthyroid	2
Antiprostaglandin	2
Antistomatitic	2
Antiphotophobic	2
COX-1-Inhibitor	2
Laxative?	2

Activity	Chemical Count
Protein-Kinase-C-Inhibitor	2
Anticomplementary	2
Antitumor (Ovary)	2
Juvabional	2
Beta-Glucuronidase-Inhibitor	2
Anorexic	2
Tranquilizer	2
Collagenic	2
Antisalmonella	2
TNF-alpha-Inhibitor	2
Antioxidant?	2
Antianxiety	2
Litholytic	2
Antiglossitic	2
Cardiotonic	2
Antithiamin	2
Antipodriac	2
Antihyperkinetic	2
Antiulcerogenic	2
Antifibrosarcomic	2
Nematicide	2
Antielastase	2
Antitumor (Skin)	2
Anticold	2
Mycoplasmistat	2
Antiperiodontal	2
Bacteristat	2

Activity	Chemical Count
Anemiagenic	2
Co-carcinogenic	2
Antitumor (brain)	2
Estrogenic	2
Antidote (Aluminum)	2
Oxidant	2
Antitriglyceride	2
Antigonadotropic	2
Antiimpotence	2
Antimanic	2
Antinyctalopic	2
Antiplasmodial	2
Antihypercholesterolemic	2
Antistaphylococcic	2
Hepatotropic	2
Antineuralgic	2
Tyrosinase-Inhibitor	2
AntiEBV	2
Antipoliomyelitic	2
Mucolytic	2
Toxic	2
Antiandrogenic	3
NF-kB-Inhibitor	3
Antiescherichic	3
Antipellagic	3
CNS-Depressant	3
Apoptotic	3

Activity	Chemical Count
Antianginal	3
Emetic	3
Antidermatitic	3
Vulnerary	3
Antimalarial	3
Antidecubitic	3
Antistroke	3
Cyclooxygenase-Inhibitor	3
Antifibrotic	3
Quinone-Reductase-Inducer	3
Uricosuric	3
Antitumor (Stomach)	3
Anticolitic	3
Anticheilitic	3
Antitrypanosomic	3
Chemopreventive	3
Antianaphylactic	3
Antitussive	3
Calcium-Antagonist	3
Antileukotriene	3
Mutagenic	3
Antiseborrheic	3
Antileishmanic	3
Antidote (Lead)	3
Anticephalagic	3
Antidandruff	3
Antinephritic	3

Activity	Chemical Count
AntiMS	3
AntiCFS	3
Antiangiogenic	3
Antiinsomniac	3
Anticariogenic	3
Antimelanomic	3
Aldose-Reductase-Inhibitor	3
AntiRaynaud's	3
Antifeedant	3
Hypertensive	3
Anticancer	3
Antiflu	3
AntiCrohn's	3
Beta-Blocker	3
Angiotensin-Receptor-Blocker	3
Antiarteriosclerotic	3
Ornithine-Decarboxylase-Inhibitor	4
Candidicide	4
COX-2-Inhibitor	4
Anticonvulsant	4
Antiperoxidant	4
Antileukotriene-D4	4
Antitumor (Prostate)	4
Cytotoxic	4
Antihepatic	4
Anticervicaldysplastic	4
Antimenorrhagic	4

Activity	Chemical Count
Antigastric	4
Antineuropathic	4
Antiperiodontic	4
Antiarrhythmic	4
Antimigraine	4
Antiosteoarthritic	4
Nephrotoxic	4
Perfumery	4
Astringent	4
Antimenopausal	4
Antianemic	4
Antialopepic	4
Antistress	4
Antilipoperoxidant	4
Antihangover	4
Laxative	4
Hemostat	4
Anticlimacteric	4
Prooxidant	4
Antiallergic	5
Antiedemic	5
Antitumor (Colon)	5
Antiplateque	5
Antiproliferant	5
Anticoronary	5
Antilithic	5
Antitumor (Breast)	5

Activity	Chemical Count
Allelochemic	5
Lipoxygenase-Inhibitor	5
Antidementia	5
Antiepileptic	5
Antiaging	5
Anticancer	5
AntiLyme	5
Antieczemic	5
Antihepatotoxic	5
Choleretic	5
Antiinfertility	5
5-Alpha-Reductase-Inhibitor	5
Antialcoholic	5
Insectifuge	5
Xanthine-Oxidase-Inhibitor	5
Antitumor-Promoter	5
Antitumor (Lung)	5
Insulinogenic	5
Antiherpetic	6
Antiasthmatic	6
Carcinogenic	6
Antiobesity	6
AntiPMS	6
Propecic	6
Antiprostatic	6
Antimaculitic	6
Antileukemic	6

Activity	Chemical Count
Antimetastatic	6
Antirheumatic	6
AntiHIV	6
Irritant	6
Antiparkinsonian	6
Essential	7
Antialzheimeran	7
Antifatigue	7
Antihistaminic	7
Anxiolytic	7
Antisyndrome-X	7
Antiacne	7
Fungicide	7
Antiencephalopathic	7
Analgesic	8
Antispasmodic	8
Immunostimulant	8
Antiviral	8
Hepatoprotective	8
Antihypertensive	8
Antiaggregant	8
Anticataract	9
Antiosteoporotic	9
Antidepressant	9
Antiradicular	9
Antimutagenic	9
Immunomodulator	9

Activity	Chemical Count
Vasodilator	9
Allergenic	10
Antiseptic	10
FLavor	10
Hypoglycemic	10
Hypotensive	10
Diuretic	10
Cardioprotective	11
Antitumor	11
Antiatherosclerotic	11
Antiulcer	12
Antiinflammatory	14
Antidiabetic	14
Antibacterial	15
Antiarthritic	15
Hypocholesterolemic	15
Antioxidant	18
Pesticide	24
Cancer-Preventive	25