

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Sorbus aucubaria

Activity	Chemical Count
Pesticide	28
Antioxidant	21
Cancer-Preventive	21
Antibacterial	18
Antiinflammatory	17
Antimutagenic	16
Antitumor	14
Antidiabetic	14
Hypocholesterolemic	12
Antispasmodic	12
Antiseptic	11
Cardioprotective	11
Immunostimulant	11
Antiradicular	11
Antiatherosclerotic	11
Antiarthritic	11
Antihepatotoxic	11
Antiviral	11
Hypoglycemic	10
Lipoxygenase-Inhibitor	10
Immunomodulator	10
Fungicide	10
Antiperoxidant	10
AntiHIV	9
Hepatoprotective	9
Hypotensive	9
Antiosteoporotic	9

Activity	Chemical Count
Diuretic	9
Antileukemic	9
Analgesic	9
Allergenic	9
Aldose-Reductase-Inhibitor	8
Antiasthmatic	8
Antiherpetic	8
Antifeedant	8
Antitumor-Promoter	8
Apoptotic	8
Antiaggregant	8
Antiulcer	8
Antitumor (Lung)	7
Antidepressant	7
Vasodilator	7
Chemopreventive	7
Anticancer	7
Antinitrosaminic	7
Choleretic	7
Antisyndrome-X	7
Carcinogenic	6
AntiPMS	6
Hemostat	6
Anticoronary	6
Antiaging	6
Antirheumatic	6
Antihistaminic	6

Activity	Chemical Count
Anticataract	6
Antitumor (Colon)	6
Antimetastatic	6
Anxiolytic	6
Ornithine-Decarboxylase-Inhibitor	6
Antiedemic	6
Allelochemic	6
Antitumor (Breast)	6
Antihypertensive	6
Antiproliferant	6
Antialzheimeran	6
Antimaculitic	5
Antiobesity	5
Vulnerary	5
Insulinogenic	5
Candidicide	5
Antileukotriene	5
Antiarrhythmic	5
Antidementia	5
Cytotoxic	5
Antilithic	5
Xanthine-Oxidase-Inhibitor	5
FLavor	5
Antifatigue	5
Laxative	5
Antioxidant Synergist	4
Anticlimacteric	4

Activity	Chemical Count
Antiacne	4
Antistress	4
Antiperiodontitic	4
Antitussive	4
Calcium-Antagonist	4
Antisunburn	4
Tyrosinase-Inhibitor	4
Antimenopausal	4
Antitumor (Skin)	4
Antileishmanic	4
Antiescherichic	4
Antiosteoarthritic	4
COX-2-Inhibitor	4
Prooxidant	4
Antiallergic	4
Antimelanomic	4
Antinociceptive	4
NO-Inhibitor	4
Antitumor (Prostate)	4
Nephrotoxic	4
Anticariogenic	4
Antiangiogenic	4
AntiCrohn's	3
Antifibrotic	3
TNF-alpha-Inhibitor	3
Sunscreen	3
Antieczemic	3

Activity	Chemical Count
Antilipoperoxidant	3
Antitumor (Stomach)	3
Irritant	3
Myorelaxant	3
Antimelanogenic	3
Anticonvulsant	3
Antielastase	3
Antithyroid	3
Larvostat	3
Protein-Kinase-C-Inhibitor	3
AntiCFS	3
Antiplateau	3
Antiglaucomic	3
Antiparkinsonian	3
Antiinfertility	3
Antilymphomic	3
Antiulcerogenic	3
Anticlastogen	3
Anorexic	3
AntiEBV	3
Insulin-Sparing	3
Ubiquitot	3
Antianaphylactic	3
Antiinsomniac	3
Antipsoriatic	3
ACE-Inhibitor	3
Antialcoholic	3

Activity	Chemical Count
Antiflu	3
Antimalarial	3
Juvabonal	3
NF-kB-Inhibitor	3
Antistroke	3
Anticarcinomic	3
Antigonadotropic	3
Antistaphylococcic	3
Antidermatitic	3
Antianemic	3
Estrogenic	3
Antiepileptic	3
Antiprostatic	3
Antiseborrheic	3
Topoisomerase-II-Inhibitor	3
Antitrypanosomic	3
Cyclooxygenase-Inhibitor	3
Antiophidic	3
Antipolio	3
Protisticide	3
Antidote (Lead)	3
Prostaglandigenic	3
AntiLegionella	3
Bacteristat	3
Antigastritic	2
Tranquilizer	2
Antiendometriotic	2

Activity	Chemical Count
Antiprostaglandin	2
Cytoprotective	2
Lithogenic	2
Antihyperkinetic	2
AntiRaynaud's	2
Antiartherosclerotic	2
cAMP-Phosphodiesterase-Inhibitor	2
Prostaglandin-Synthesis-Inhibitor	2
Glucosyl-Transferase-Inhibitor	2
Antileptic	2
Antifibromyalgic	2
Anticarcinogenic	2
Beta-Blocker	2
Mucogenic	2
Antiischemic	2
Antiandrogenic	2
Antimigraine	2
Astringent	2
Metal-Chelator	2
Cholagogue	2
Antitumor (brain)	2
Anticancer (Breast)	2
Topoisomerase-I-Inhibitor	2
AntiAGE	2
Antitriglyceride	2
Antivaricose	2
Leukotriene-Inhibitor	2

Activity	Chemical Count
Antihypercholesterolemic	2
Hepatotropic	2
Antilupus	2
Anticirrhotic	2
Antidyskinetic	2
Antipodriac	2
Interferonogenic	2
VEGF-Inhibitor	2
Antidote (Cadmium)	2
Collagen-Sparing	2
Antitumor (Ovary)	2
Mutagenic	2
CNS-Active	2
Antianginal	2
Antiketotic	2
Insectifuge	2
Antidandruff	2
Phagocytotic	2
Antitumor (Cervix)	2
Anticancer (Colon)	2
Antihyperthyroid	2
Antitubercular	2
Antibronchitic	2
Anticolitic	2
Histamine-Inhibitor	2
Antiatherogenic	2
Laxative?	2

Activity	Chemical Count
Capillariprotective	2
Hepatomagenic	2
Androgenic	2
Antihepatic	2
Antinephritic	2
Antihangover	2
AntiMS	2
MMP-9-Inhibitor	2
Aldehyde-Oxidase-Inhibitor	2
Litholytic	2
Anticomplementary	2
Catabolic	2
Quinone-Reductase-Inducer	2
Diaphoretic?	2
Sweetener	2
Antithiamin	2
Anticervicaldysplasic	2
Bruchiphobe	2
Antihemolytic	2
Vasopressor	2
Antidote (Aluminum)	2
Antianxiety	2
Beta-Glucuronidase-Inhibitor	2
Clastogenic	2
Insecticide	2
Antipyretic	2
Metal-Chelator (Copper)	2

Activity	Chemical Count
Tumorigenic	2
Antigallstone	2
Antiencephalitic	2
Antimastalgic	2
Antifibrosarcomic	2
Anticold	2
Cardiotonic	2
Oviposition-Stimulant	2
AntiLyme	2
Angiotensin-Receptor-Blocker	2
Antidysmenorrheic	2
Antineuropathic	2
Antiplasmodial	2
Collagenic	2
Mycobactericide	2
Antistomatitic	2
Antidiarrheic	2
CNS-Depressant	2
Insectiphile	2
Antifertility	2
Anticancer	2
Additive	2
Antidecubitic	2
Immunosuppressant	2
Antierythemic	1
Antiprotozoal	1
Anticancer (Esophagus)?	1

Activity	Chemical Count
Antimenorrhagic	1
Artemicide	1
Memorigenic	1
5-Lipoxygenase-Inhibitor	1
Energizer	1
Chelator	1
Peristaltic	1
Antiakathisic	1
Antihypoglycemic	1
Rodenticide	1
Anticalculic	1
AntiMD	1
Antixerophthalmic	1
Antirhinitic	1
DNA-Active	1
Anticomplement	1
Antiorchitic	1
Caspase-8-Inducer	1
P450-Inducer	1
Antiadrenalinic	1
AntiTourette's	1
HIV-RT-Inhibitor	1
COX-1-Inhibitor	1
Purgative	1
Antiatheromic	1
Antivaccinia	1
Leptingenic	1

Activity	Chemical Count
Diaphoretic	1
Odontolytic	1
Antithromboxane	1
Antiporphyrin	1
Deodorant	1
Sialogogue	1
Antichorea	1
AntiNF-kB	1
Neurotransmitter	1
Androgenic?	1
Antihepatoadenomic	1
Antithalassemic	1
Gram(-)-icide	1
Antidote (Paraquat)	1
COMP-Inhibitor	1
Anticephalagic	1
Antinephrolytic	1
Bronchosedative	1
Alpha-Glucosidase-Inhibitor	1
Antihematuric	1
Vasomotor-Stimulant	1
Antidote	1
Antiphotophobic	1
Co-carcinogenic	1
Proliferant	1
Antianorexic	1
Antigonadotrophic	1

Activity	Chemical Count
Antisprue	1
Fistula-Preventive	1
Ulcerogenic	1
Circulotonic	1
Pigment	1
Antiandrogenic	1
Antitumor (Colorectal)	1
Inotropic	1
Antipurpuric	1
Anticancer (Liver)	1
Acetylcholinergic	1
Antigenotoxic	1
Antisickling	1
Erythrocytogenic	1
Trypanocide	1
AntiCVI	1
Antipancreatitis	1
Antiallergenic	1
Antiimpotence	1
Antienterotic	1
Antiprostataadenomic	1
Decalcifier	1
AP-1-Inhibitor	1
Lyase-Inhibitor	1
11B-HSD-Inhibitor	1
Antifuruncular	1
Antiscorbutic	1

Activity	Chemical Count
Dye	1
Cataractagenic	1
PAF-Inhibitor	1
Antihyperlipoproteinaemic	1
Hyperglycemic	1
Antiprolactin	1
Cyanogenic	1
Radioprotective	1
Antimanic	1
Antiretinopathic?	1
Differentiator	1
Teratologic	1
Anticoeliac	1
Antionychyotic	1
Osteogenic	1
Antiadenomic	1
Dermatitigenic	1
Spermicide	1
Antinitrosic	1
NO-Genic	1
Angiogenic	1
Antithrombic	1
Contraceptive	1
Secretogogue	1
Antineuritic	1
NEP-Inhibitor	1
Anabolic	1

Activity	Chemical Count
Antihemorrhagic	1
Goitrogenic	1
Propecic	1
Antiaphthic	1
Antileukonychic	1
Anticarcinomic (Breast)	1
Antimyocarditic	1
Bitter	1
Allelopathic	1
Antigout	1
Antisterility	1
Floral-Inhibitor	1
Urinary-Acidulant	1
Antipermeability	1
Plasmodicide	1
Antitumor (Forestomach)	1
Anticancer (Skin)	1
Antimorphinistic	1
Autotoxic	1
Metalloproteinase-Inhibitor	1
Acidulant	1
Antispare-Tire	1
Estrogenic?	1
Choline-Sparing	1
Antialopepic	1
Antiepitheleomic	1
Antiproteolytic	1

Activity	Chemical Count
Demulcent	1
Aromatase-Inhibitor	1
Mast-Cell-Stabilizer	1
5-HT-Inhibitor	1
Antigastric	1
Antisenility	1
Encephalopathic	1
Toxic	1
Cerebroprotective	1
Perfumery	1
Antiencephalopathic	1
Antiproliferative	1
Cytochrome-P450-1A2-Inhibitor	1
Respirastimulant	1
Antimastitic	1
Antiviral?	1
Antifibrositic	1
Thymoprotective	1
Antiophthalmic	1
Cardiotoxic	1
P21-Inducer	1
Antiadenovirus	1
Antihyperkeratotic	1
Antitinnitic	1
Detoxicant (Alcohol)	1
Styptic	1
Antinyctalopic	1

Activity	Chemical Count
NO-Synthase-Inhibitor	1
Antithrombotic	1
Antipoliomyelitic	1
Copper-Chelator	1
PTK-Inhibitor	1
Interleukin-6-mRNA-Inhibitor	1
Sequestrant	1
Anticholestatic	1
Antineurotic	1
Calmodulin-Antagonist	1
Neuroprotective	1
AntiTGF-beta	1
Gram(+)-icide	1
Vitamin-A-Activity	1
Antidote (Mercury)	1
Antiplatelet	1
Colorant	1
Prostaglandin-Sparer	1
Bronchodilator	1
Myoprotective	1
Alpha-Amylase-Inhibitor	1
Antistreptococcic	1
Gastroprotective	1
Antidiscotic	1
Antipharyngitic	1
CNS-Stimulant	1
Potassium-Sparing	1

Activity	Chemical Count
Antianorectic	1
Antitumor (Liver)	1
Antifibrinolytic	1
Anticapillary-Fragility	1
Beta-Adrenergic Receptor Blocker	1
Antiglycosuric	1
Antispasmophilic	1
Febrifuge	1
Antiperiodontal	1
Circulatory-Stimulant	1
Phospholipase-Inhibitor	1
iNOS-Inhibitor	1
Anticancer (Forestomach)	1
Asthma-preventive	1
Memory-Enhancer	1
Antigastric	1
Antishingles	1
Ergogenic	1
Trichomonicide	1
AntiCTS	1
Antiozenic	1
Peroxynitrite-Scavenger	1
Antiichthyotic	1
Antitumor (Bladder)	1
Hypolipidemic	1
Antienteritic	1
Antiprostanoid	1

Activity	Chemical Count
Antimeasles	1
Antisclerodermic	1
DNA-Protective	1
TOPO-2-Inhibitor	1
P450-Inhibitor	1
Antiaflatoxin	1
Antihyperlipidemic	1
Antitoxemic	1
Humectant	1
Antiprogestational	1
Antivaginitic	1
Leucocytogenic	1
Antiretinopathic	1
Anticoagulant	1
Antiobesity?	1
Cardiomyopathogenic	1
Antiacrodermatitic	1
Antihydrophobic	1
Antithromboxane-B2	1
Hepatotoxic	1
Depressant	1
Sodium-Sparing	1
Antichoreic	1
Anesthetic	1
Hemopoietic	1
Antidysgeuzic	1
Antipneumonic	1

Activity	Chemical Count
COMT-Inhibitor	1
Protease-Inhibitor	1
Schizophrenigenic	1
Antineuramidase	1
NADH-Oxidase-Inhibitor	1
Amphiglycemic?	1
Glutathione-Depleting	1
Antipityriasic	1
Cold-preventive	1
Antitumor (Mouth)	1
Interferon-Synergist	1
Antimyalgic	1
Mucolytic	1
Uricosuric	1
Antiperistaltic	1
Piscicide	1
Antikeshan	1
Antitumor (Esophagus)?	1
Anticancer (Lung)	1
Antimitral-valve-prolapse	1
ATPase-Inhibitor	1
Acidifier	1
Antigingivitic	1
Antisilicotic	1
Anticystitic	1
Antipapillomic	1
PGE2-Inhibitor	1

Activity	Chemical Count
Antiinfective	1
Deiodinase-Inhibitor	1
Anticancer (Cervix)	1
MAO-A-Inhibitor	1
5-HETE-Inhibitor	1
Elastase-Inhibitor	1
Anticorneotic	1
Antiototic	1
Cathartic	1
Pancreatogenic	1
Hypertensive	1
Refrigerant	1
AntiBPH	1
Lipotropic	1
Antiretinotic	1
Disinfectant	1
Testosteronigenic	1
Antiadenoviral	1
Antihyperglycemic	1
Antitic	1
Herbicide	1
Antiataxic	1
Detoxicant	1
Spermigenic	1
Anticirrhotic?	1
Capillarigenic	1
Antiherpetic?	1

Activity	Chemical Count
Antithrombogenic	1
Hepatocarcinogenic	1
Copper-Antagonist	1
Interleukin-1-alpha-Inhibitor	1
Sedative	1
Anticheilitic	1
Calcium-Channel-Blocker	1
Antihemorrhoidal	1
Gonadotrophic	1
Vermifuge	1
Antiapoplectic	1
Antileukoplakic	1
Antimyoclonic	1
Bradycardiac	1
AntiGTF	1
Uterorelaxant	1
Polyamine-Synthesis-Inhibitor	1
Antitumor (Gastric)	1
AntiMRSA	1
Mitogen	1
Antiglycosation	1
Expectorant	1
Tyrosine-Kinase-Inhibitor	1
Antiparotitic	1
Cholinergic	1
Phospholipase-A2-Inhibitor	1
Antitumor (CNS)	1