

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

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-HETE-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
ACE-Inhibitor	3
Acetylcholinergic	1
Acidifier	1
Acidulant	1
Additive	2
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	8
Allelochemic	6
Allelopathic	1
Allergenic	9
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Amphiglycemic?	1
Anabolic	1
Analgesic	9
Androgenic	2
Androgenic?	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	2
Anorexic	3
Antiacne	4
Antiacrodermatitic	1

Activity	Chemical Count
Antiadenomic	1
Antiadenoviral	1
Antiadenovirus	1
Antiadrenalinic	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	8
Antiaging	6
Antiakathisic	1
Antialcoholic	3
Antiallergenic	1
Antiallergic	4
Antialopepic	1
Antialzheimeran	6
Antianaphylactic	3
Antiandrogenic	1
Antianemic	3
Antianginal	2
Antiangiogenic	4
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiapoplectic	1
Antiarrhythmic	5
Antiartherosclerotic	2
Antiarthritic	11

Activity	Chemical Count
Antiasthmatic	8
Antiataxic	1
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	11
Antibacterial	18
AntiBPH	1
Antibronchitic	2
Anticalculic	1
Anticancer	7
Anticancer (Breast)	2
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Esophagus)?	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	2
Anticapillary-Fragility	1
Anticarcinogenic	2
Anticarcinomic	3
Anticarcinomic (Breast)	1
Anticariogenic	4
Anticataract	6
Anticephalagic	1
Anticervicaldysplastic	2

Activity	Chemical Count
AntiCFS	3
Anticheilitic	1
Anticholestatic	1
Antichorea	1
Antichoreic	1
Anticirrhotic	2
Anticirrhotic?	1
Anticlastogen	3
Anticlimacteric	4
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplement	1
Anticomplementary	2
Anticonvulsant	3
Anticorneotic	1
Anticoronary	6
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	2
Antidecubitic	2
Antidementia	5
Antidepressant	7
Antidermatitic	3

Activity	Chemical Count
Antidiabetic	14
Antidiarrheic	2
Antidiscotic	1
Antidote	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	2
AntiEBV	3
Antieczemic	3
Antiedemic	6
Antielastase	3
Antiencephalitic	2
Antiencephalopathic	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	3
Antiepitheleomic	1
Antierythemic	1
Antiescherichic	4
Antiestrogenic	2
Antifatigue	5

Activity	Chemical Count
Antifeedant	8
Antifertility	2
Antifibrinolytic	1
Antifibromyalgic	2
Antifibrosarcomic	2
Antifibrositic	1
Antifibrotic	3
Antiflu	3
Antifuruncular	1
Antigallstone	2
Antigastric	1
Antigastritic	2
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	3
Antiglycosation	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
AntiGTF	1
Antihangover	2
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1

Activity	Chemical Count
Antihepatic	2
Antihepatoadenomic	1
Antihepatotoxic	11
Antiherpetic	8
Antiherpetic?	1
Antihistaminic	6
AntiHIV	9
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	3
Antiinflammatory	17
Antiinsomniac	3
Antiischemic	2
Antikeshan	1
Antiketotic	2
AntiLegionella	3

Activity	Chemical Count
Antileishmanic	4
Antileptic	2
Antileukemic	9
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	5
Antilipoperoxidant	3
Antilithic	5
Antilupus	2
AntiLyme	2
Antilymphomic	3
Antimaculitic	5
Antimalarial	3
Antimanic	1
Antimastalgic	2
Antimastitic	1
AntiMD	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	4
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	6
Antimigraine	2
Antimitral-valve-prolapse	1
Antimorphinistic	1
AntiMRSA	1



Activity	Chemical Count
AntiMS	2
Antimutagenic	16
Antimyalgic	1
Antimyocarditic	1
Antimyoclonic	1
Antinephritic	2
Antinephrolytic	1
Antineuramidase	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	7
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	1
Antiobesity	5
Antiobesity?	1
Antionychyotic	1
Antiophidic	3
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiototic	1
Antioxidant	21
Antioxidant Synergist	4

Activity	Chemical Count
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antiperiodontal	1
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	10
Antipharyngitic	1
Antiphotophobic	1
Antipityriasic	1
Antiplatelet	3
Antiplasmodial	2
Antiplatelet	1
AntiPMS	6
Antipneumonic	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	1
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	6
Antiproliferative	1
Antiprostaglandin	2

Activity	Chemical Count
Antiprostanoid	1
Antiprostatadenomic	1
Antiprostatic	3
Antiproteolytic	1
Antiprotozoal	1
Antipsoriac	3
Antipurpuric	1
Antipyretic	2
Antiradicular	11
AntiRaynaud's	2
Antiretinopathic	1
Antiretinopathic?	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	1
Antisclerodermic	1
Antiscorbutic	1
Antiseborrheic	3
Antisenility	1
Antiseptic	11
Antishingles	1
Antisickling	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	12
Antispasmophilic	1
Antisprue	1

Activity	Chemical Count
Antistaphylococcic	3
Antisterility	1
Antistomatitic	2
Antistreptococcic	1
Antistress	4
Antistroke	3
Antisunburn	4
Antisyndrome-X	7
AntiTGF-beta	1
Antithalasemic	1
Antithiamin	2
Antithrombic	1
Antithrombogenic	1
Antithrombotic	1
Antithromboxane	1
Antithromboxane-B2	1
Antithyroid	3
Antitic	1
Antitinnitic	1
AntiTourette's	1
Antitoxemic	1
Antitriglyceride	2
Antitrypanosomic	3
Antitubercular	2
Antitumor	14
Antitumor (Bladder)	1
Antitumor (brain)	2

Activity	Chemical Count
Antitumor (Breast)	6
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Colorectal)	1
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	7
Antitumor (Mouth)	1
Antitumor (Ovary)	2
Antitumor (Prostate)	4
Antitumor (Skin)	4
Antitumor (Stomach)	3
Antitumor-Promoter	8
Antitussive	4
Antiulcer	8
Antiulcerogenic	3
Antivaccinia	1
Antivaginitic	1
Antivaricose	2
Antiviral	11
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	6
AP-1-Inhibitor	1

Activity	Chemical Count
Apoptotic	8
Aromatase-Inhibitor	1
Artemicide	1
Asthma-preventive	1
Astringent	2
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	3
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2
Bitter	1
Bradycardiac	1
Bronchodilator	1
Bronchosedative	1
Bruchiphobe	2
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	21
Candidicide	5
Capillarigenic	1
Capillariprotective	2
Carcinogenic	6
Cardiomyopathogenic	1
Cardioprotective	11

Activity	Chemical Count
Cardiotonic	2
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	2
Cataractagenic	1
Cathartic	1
Cerebroprotective	1
Chelator	1
Chemopreventive	7
Cholagogue	2
Choleretic	7
Choline-Sparing	1
Cholinergic	1
Circulatory-Stimulant	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	2
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Colorant	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Contraceptive	1

Activity	Chemical Count
Copper-Antagonist	1
Copper-Chelator	1
COX-1-Inhibitor	1
COX-2-Inhibitor	4
Cyanogenic	1
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	5
Decalcifier	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Depressant	1
Dermatitigenic	1
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	1
Disinfectant	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Dye	1
Elastase-Inhibitor	1
Encephalopathic	1



Activity	Chemical Count
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Estrogenic?	1
Expectorant	1
Febrifuge	1
Fistula-Preventive	1
FLavor	5
Floral-Inhibitor	1
Fungicide	10
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Goitrogenic	1
Gonadotrophic	1
Gram(+)icide	1
Gram(-)icide	1
Hemopoietic	1
Hemostat	6
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	9
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	2

Activity	Chemical Count
HIV-RT-Inhibitor	1
Humectant	1
Hyperglycemic	1
Hypertensive	1
Hypocholesterolemic	12
Hypoglycemic	10
Hypolipidemic	1
Hypotensive	9
Immunomodulator	10
Immunostimulant	11
Immunosuppressant	2
iNOS-Inhibitor	1
Inotropic	1
Insecticide	2
Insectifuge	2
Insectiphile	2
Insulin-Sparing	3
Insulinogenic	5
Interferon-Synergist	1
Interferonogenic	2
Interleukin-1-alpha-Inhibitor	1
Interleukin-6-mRNA-Inhibitor	1
Irritant	3
Juvabional	3
Larvostat	3
Laxative	5
Laxative?	2

Activity	Chemical Count
Leptingenic	1
Leucocytogenic	1
Leukotriene-Inhibitor	2
Lipotropic	1
Lipoxygenase-Inhibitor	10
Lithogenic	2
Litholytic	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	2
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1
Mitogen	1
MMP-9-Inhibitor	2
Mucogenic	2
Mucolytic	1
Mutagenic	2
Mycobactericide	2
Myoprotective	1
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
NEP-Inhibitor	1
Nephrotoxic	4
Neuroprotective	1

Activity	Chemical Count
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	1
NO-Inhibitor	4
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Oviposition-Stimulant	2
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Pancreatogenic	1
Perfumery	1
Peristaltic	1
Peroxynitrite-Scavenger	1
Pesticide	28
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Pigment	1
Piscicide	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1

Activity	Chemical Count
Proliferant	1
Prooxidant	4
Propecic	1
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	3
Protisticide	3
PTK-Inhibitor	1
Purgative	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Refrigerant	1
Respirastimulant	1
Rodenticide	1
Schizophrenigenic	1
Secretagogue	1
Sedative	1
Sequestrant	1
Sialogogue	1
Sodium-Sparing	1
Spermicide	1
Spermigenic	1
Styptic	1
Sunscreen	3
Sweetener	2

Activity	Chemical Count
Teratologic	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	3
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	2
Trichomonicide	1
Trypanocide	1
Tumorigenic	2
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Vasodilator	7
Vasomotor-Stimulant	1
Vasopressor	2
VEGF-Inhibitor	2
Vermifuge	1
Vitamin-A-Activity	1
Vulnerary	5
Xanthine-Oxidase-Inhibitor	5