

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Agathosma betulina***

Activity	Chemical Count
(-)-Chronotropic	1
(-)-Inotropic	1
11B-HSD-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Acaricide	5
ACE-Inhibitor	5
AChE-Inhibitor	2
Acidulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	8
Allelochemic	6
Allelopathic	4
Allergenic	12
Amphiglycemic?	1
Analgesic	12
Anesthetic	3
Angiotensin-Receptor-Blocker	2

Activity	Chemical Count
Anorexic	1
Anti-LDL	1
Antiacetylcholine	1
Antiacetylcholinesterase	13
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	9
Antiaging	3
Antiakathisic	1
Antialcoholic	4
Antiallergenic	1
Antiallergic	8
Antialopecic	1
Antialzheimeran	6
Antialzheimeran?	2
Antiamblyopic	1

Activity	Chemical Count
Antianaphylactic	1
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	3
Antiarteriosclerotic	1
Antiarthritic	7
Antiasthmatic	10
Antiatherogenic	1
Antiatherosclerotic	7
Antibacillary	2
Antibacillus	1
Antibackache	1
Antibacterial	24

Activity	Chemical Count
Antiberiberi	1
AntiBPH	1
Antibradykinic	1
Antibronchitic	2
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Gastric)	1
Anticanker	3
Anticapillary-Fragility	3
Anticarcinogenic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	3
Anticarpal-Tunnel	1
Anticataract	8
Anticephalagic	2
Anticervicaldysplasic	2
AntiCFS	3
Anticheilitic	2

Activity	Chemical Count
Antichilblain	1
Anticholinesterase	1
Anticirrhotic	1
Anticlastogen	2
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1
Anticonvulsant	5
Anticorneotic	1
Anticoronary	3
AntiCrohn's	3
AntiCTS	1
AntiCVI	2
Anticystitic	1
Anticytotoxic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1

Activity	Chemical Count
Antidementia	6
Antidepressant	6
Antidermatitic	4
Antidiabetic	8
Antidiscotic	1
AntiDNA	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	3
Antiedemic	5
Antielastase	1
Antiencephalitic	2

Activity	Chemical Count
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	4
Antiesophagitic	2
Antiestrogenic	2
Antifatigue	5
Antifeedant	8
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	5
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	2
Antigastrotic	1
Antigenotoxic	1

Activity	Chemical Count
Antigingivitic	1
Antiglaucomic	3
Antigliomic	1
Antiglossitic	1
Antiglycosuric	1
Antigonadotropic	1
Antigout	1
AntiGTF	1
Antihalitosis	1
Antihangover	4
Antiheartburn	1
Antihelicobacter	2
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatitic	1
Antihepatotoxic	3
Antiherpetic	5
Antiherpetic?	1
Antihistaminic	9

Activity	Chemical Count
AntiHIV	3
Antihydrophobic	1
Antihyperactivity	1
Antihyperkinetic	2
Antihypertensive	6
Antihypoglycemic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	14
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeratotic	1
Antikeshan	1
Antileishmanic	1
Antileptic	2
Antileukemic	2
Antileukonychic	1
Antileukotriene	4

Activity	Chemical Count
Antilipoperoxidant	1
Antilisteria	2
Antilithic	3
Antilithic?	1
AntiLyme	5
Antilymphomic	2
Antimaculitic	3
Antimalarial	3
Antimastalgic	1
Antimeasles	1
Antimelanomic	6
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	5
Antimetastatic (Stomach)	1
Antimetrorrhagic	1
Antimigraine	4
Antimitotic	1
Antimitral-valve-prolapse	1

Activity	Chemical Count
AntiMS	1
Antimutagenic	7
Antimyalgic	1
Antimyocarditic	2
Antinephritic	1
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	4
Antinitrosating	1
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	5
Antiodontalgic	1

Activity	Chemical Count
Antionychyotic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiotitic	1
Antiototic	1
Antioxidant	16
Antipancreatic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	3
Antipharyngitic	1
Antiphotophobic	1
Antiplateau	3
Antiplasmodial	2

Activity	Chemical Count
Antiplatelet	1
AntiPMS	4
Antipneumonic	2
Antipodriac	2
Antipolio	1
Antipoliomyelitic	2
Antiprolactin	1
Antiproliferant	6
Antiproliferative	1
Antiprostaglandin	3
Antiprostanoid	1
Antiprostatic	2
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	5
Antiradicular	8
AntiRaynaud's	3
Antiretinopathic	1

Activity	Chemical Count
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	5
Antirhinitic	1
Antirhinoviral	1
AntiRNA	1
Antisalmonella	4
Antiscorbutic	1
Antiscotomic	1
Antiseptic	19
Antishingles	1
Antisilicotic	1
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	18
Antispasmophilic	1
Antistaphylococcic	7
Antistomatitic	2
Antistreptococcic	3
Antistress	3

Activity	Chemical Count
Antistroke	2
Antisunburn	1
Antisyndrome-X	6
Antitartar	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithromboxane	2
Antithyroid	1
Antitic	1
Antitinnitic	1
AntiTNF	1
Antitriglyceride	3
Antitrypanosomic	2
Antituberculic	1
Antitumor	6
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1

Activity	Chemical Count
Antitumor (Colon)	2
Antitumor (Gastric)	2
Antitumor (Lung)	3
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	2
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antitussive	1
Antiulcer	10
Antiulcerogenic	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	1
Antivertigo	1
Antiviral	10
Antiviral?	1
Antivulvitic	1
Antiyeast	1

Activity	Chemical Count
Anxiolytic	6
AP-1-Inhibitor	1
Apifuge	1
Apoptotic	7
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Avifuge	1
Bacteriostatic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bradycardic	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorrheic	1
Calcium-Antagonist	7

Activity	Chemical Count
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	18
Candidicide	9
Candidistat	2
Capillariprotective	3
Carcinogenic	2
Carcinogenic?	1
Cardiodepressant	1
Cardiomyopathogenic	1
Cardioprotective	7
Cardiotonic	1
Cardiotoxic	1
Carminative	3
Catabolic	3
Cerebrotoxic	2
Chemopreventive	5
Choleretic	4
Cholesterolytic	1

Activity	Chemical Count
Cicatrizant	1
Ciliotoxic	1
Circulotonic	1
CNS-Depressant	4
CNS-Stimulant	3
CNS-Toxic	1
Cold-preventive	1
Coleoptophile	1
Collagenic	2
COMT-Inhibitor	2
Congestant	1
Convulsant	1
Copper-Antagonist	1
Copper-Chelator	1
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Culicide	1
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1

Activity	Chemical Count
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	2
Decongestant?	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	2
Depressant	1
Dermal	2
Dermatitigenic	2
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	1
Differentiator	2
Diuretic	8
DNA-Binder	1
Emetic	2
Encephalopathic	2

Activity	Chemical Count
Energizer	1
Enterocontractant	1
Enterorelaxant	2
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Estrogenic?	1
Expectorant	7
Fibrinolytic	1
Fistula-Preventive	1
FLavor	27
Fungicide	15
Fungiphilic	1
Fungistat	2
Gastroedative	1
Glucosyl-Transferase-Inhibitor	1
Glutathionalytic	1
GST-Inducer	1
Hallucinogenic	1
Hemostat	2

Activity	Chemical Count
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	5
Hepatotoxic	4
Herbicide	10
Histaminic	1
HIV-RT-Inhibitor	1
Hypertensive	1
Hypocholesterolemic	9
Hypocholesterolemic?	1
Hypoglycemic	6
Hypolipidemic	2
Hypotensive	7
Hypothermic	2
Immunomodulator	7
Immunostimulant	4
Immunosuppressant	1
Inhalant	1
iNOS-Inhibitor	1
Inotropic	1

Activity	Chemical Count
Insect-Repellent	1
Insecticide	12
Insectifuge	20
Insectiphile	3
Insulinogenic	4
Interferonogenic	1
Interleukin-6-Inhibitor	2
Irritant	17
Juvabional	3
Larvicide	2
Larvostat	2
Laxative	4
Leptogenic	1
Lipolytic	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	2
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
MDR-Inhibitor	1

Activity	Chemical Count
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mosquitofuge	1
Motor-Depressant	3
Mucogenic	1
Mucolytic	1
Mutagenic	4
Myoprotective	1
Myorelaxant	6
NADH-Oxidase-Inhibitor	1
Nematicide	11
NEP-Inhibitor	1
Nephrotoxic	2
Neurodepressant	1
Neuropathogenic	1
Neuroprotective	2
Neurotoxic	2
Neurotransmitter	1

Activity	Chemical Count
NF-kB-Inhibitor	3
NO-Genic	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Nociceptive	1
Ornithine-Decarboxylase-Inhibitor	3
Osteoblastogenic	1
Osteogenic	1
Oviposition-Stimulant	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	4
P450-Inducer	3
P450-Inhibitor	2
PAF-Inhibitor	1
Perfumery	28
Peristaltic	1
Pesticide	40
Peticide	1
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1

Activity	Chemical Count
Photosensitizer	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
PPAR-Gamma-Antagonist	1
ProHDL	1
Proliferant	1
Prooxidant	1
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	2
Protisticide	1
Psychoactive	1
PTK-Inhibitor	1
Pulifuge	1
Pulmonotoxic	3
Quinone-Reductase-Inducer	1
Radioprotective	2
Refrigerant	1
Renoirritant	1
Rubefacient	1

Activity	Chemical Count
Sedative	14
Serotoninerpic	1
Spasmogenic	4
Spermicide	1
Spermigenic	1
Sunscreen	1
Taenicide	1
Teratologic	1
Termiticide	3
Testosteronigenic	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Toxic	1
Tranquilizer	4
Transdermal	6
Trichomonicide	8
Trichomonistat	1
Trypsin-Enhancer	1
Tumorigenic	1

Activity	Chemical Count
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Varroacide	1
Vasodilator	8
Vasopressor	2
VEGF-Inhibitor	2
Venoprotective	1
Venotonic	1
Vermicide	1
Vermifuge	1
Vibriocide	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	1