

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Frangula purshiana

Activity	Chemical Count
Pesticide	17
Cancer-Preventive	9
Antibacterial	9
Antioxidant	9
Antiseptic	8
Antiarthritic	8
Cardioprotective	8
Cathartic	7
Vasodilator	7
Calcium-Antagonist	7
Antidiabetic	7
Hypotensive	7
Laxative	7
Hypocholesterolemic	7
Antiosteoporotic	7
Immunostimulant	7
Antiulcer	7
Antitumor	6
Anticataract	6
Antiacne	6
Immunomodulator	6
Purgative	6
Antiviral	6
Antisyndrome-X	6
Antiatherosclerotic	6
Antispasmodic	6
Antiobesity	6

Activity	Chemical Count
Antihypertensive	6
Antifatigue	5
Anxiolytic	5
Diuretic	5
Antirheumatic	5
Antiradicular	5
Antimutagenic	5
AntiLyme	5
Antidepressant	5
Antitherpetic	5
Anticoronary	5
Antidementia	4
Antiasthmatic	4
Antialzheimeran	4
Fungicide	4
Antihangover	4
Antimenopausal	4
Analgesic	4
Hypoglycemic	4
Anticlimacteric	4
Antistress	4
Antialcoholic	4
Antiinflammatory	4
Allergenic	4
Antiepileptic	4
AntiHIV	4
Antiaggregant	4

Activity	Chemical Count
Antimaculitic	4
AntiPMS	4
Antidecubitic	4
Antihistaminic	4
Antimigraine	4
Antiinsomniac	3
Antifibrotic	3
Candidicide	3
Anticolitic	3
Antileukemic	3
Antiplateque	3
Antiperiodontitic	3
Antiaging	3
Anticanker	3
Insulinogenic	3
Aldose-Reductase-Inhibitor	3
Antilithic	3
Antitumor (Breast)	3
Antiarrhythmic	3
Antiangiogenic	3
Hepatoprotective	3
Antieczemic	3
Anticervicaldysplasic	3
Antiparkinsonian	3
Immunosuppressant	3
Angiotensin-Receptor-Blocker	3
Cytotoxic	3

Activity	Chemical Count
Antitumor (Lung)	3
Carcinogenic	3
AntiRaynaud's	3
Antiproliferant	3
AntiCFS	3
Antiallergic	3
Antidote (Lead)	3
Antiophidic	2
Antilymphomic	2
Trichomonicide	2
Mutagenic	2
Antianxiety	2
Antipoliomyelitic	2
CNS-Depressant	2
Antiencephalopathic	2
Antianemic	2
Antihepatotoxic	2
Astringent	2
Litholytic	2
Prooxidant	2
Antivaginitic	2
Antiglaucomic	2
Antiosteoarthritic	2
Antitumor (Prostate)	2
Antidandruff	2
Topoisomerase-II-Inhibitor	2
Antihyperkinetic	2

Activity	Chemical Count
Antineuropathic	2
Genotoxic	2
Apoptotic	2
Antidote (Cadmium)	2
Antimetastatic	2
Ornithine-Decarboxylase-Inhibitor	2
Detoxicant	2
Antigastric	2
Uricosuric	2
COX-2-Inhibitor	2
Antifibromyalgic	2
Tranquilizer	2
AntiCrohn's	2
Antiprostatic	2
Antitubercular	2
Termitifuge	2
Anticold	2
Antileptic	2
Antiencephalitic	2
Anticheilitic	2
Protein-Kinase-C-Inhibitor	2
Antialopepic	2
Antipellagic	2
Anticancer	2
Insectifuge	2
Antigingivitic	2
NF-kB-Inhibitor	2

Activity	Chemical Count
Antifeedant	2
Anticonvulsant	2
Antiendometriotic	2
Antianginal	2
Hemostat	2
Antistomatitic	2
Anticephalagic	2
Antidysenteric	2
AntiMS	2
Estrogenic	2
Antidote (Aluminum)	2
Antimenorrhagic	2
Antirhinitic	2
Ubiquiot	2
Antiinfertility	2
Nematicide	2
Antiartherosclerotic	2
Hypolipidemic	2
Mucogenic	2
Collagenic	2
Antitriglyceride	2
Antianorectic	2
Hepatotoxic	2
Beta-Blocker	2
Antistroke	2
Antineuralgic	2
Antiphotophobic	2

Activity	Chemical Count
Vulnerary	2
Anticariogenic	2
AntiAGE	2
Antidiarrheic	2
Hypothermic	1
Antiretinopathic	1
Neurotransmitter	1
Allergenic?	1
Cyclooxygenase-Inhibitor	1
Antitumor (Gastric)	1
Antiichthyotic	1
AntiCTS	1
Antipsoriac	1
Acidulant	1
Antilipolytic	1
Comedolytic	1
Testosteronigenic	1
Antinitrosaminic	1
Hypertensive	1
Antihyperactivity	1
Bird-Repellent	1
MMP-2-Inhibitor	1
Antitic	1
Sialogogue	1
Antineurasthenic	1
Hemopoietic	1
Antichilblain	1

Activity	Chemical Count
Antidyspeptic	1
Antistaphylococcic	1
Psychotropic	1
Antineoplastic	1
Laxative?	1
Antidote (Paraquat)	1
Antispare-Tire	1
AntiMRSA	1
Erythrocytogenic	1
Antiozenic	1
Antidote	1
Antiscotomic	1
Antibackache	1
Antikeratitic	1
Antidermatitic	1
NO-Inhibitor	1
Antimastalgic	1
Deodorant	1
Antigallstone	1
Tyrosine-Kinase-Inhibitor	1
Antiinfective	1
Cardiomyopathogenic	1
Myorelaxant	1
Cosmetic	1
Antifertility	1
Antinyctalopic	1
Anticorneotic	1

Activity	Chemical Count
Antiprolactin	1
MMP-9-Inhibitor	1
Antileukoplakic	1
Collagenase-Inhibitor	1
Antienteritic	1
Antitonsilitic	1
Styptic	1
Antiherpetic?	1
Beta-Adrenergic Receptor Blocker	1
Antipneumonic	1
MAO-Inhibitor	1
Chemopreventive	1
Antianacarditic	1
Antinephrolytic	1
Antihemorrhagic	1
Antipharyngitic	1
Leucocytogenic	1
Antidysgeuzic	1
Antispasmophilic	1
Prostaglandin-Sparer	1
Fibrinolytic	1
Antiglycosuric	1
VEGF-Inhibitor	1
Anticardiospasmic	1
Interferonogenic	1
Phagocytotic	1
Antiacrodynamic	1

Activity	Chemical Count
Encephalopathic	1
Antiberiberi	1
Antiototic	1
Antisalmonella	1
Antimeasles	1
Antitumor-Promoter	1
Antionychyotic	1
Cardiotoxic	1
Antideliriant	1
Antirenitic	1
Neuroprotective	1
Antitumor (Colon)	1
Antihypoglycemic	1
Mucolytic	1
ACE-Inhibitor	1
Antileukotriene-D4	1
Colorant	1
Antianorexic	1
AntiNF-kB	1
Hypercholesterolemic	1
Beta-Glucuronidase-Inhibitor	1
Antipolio	1
Metastatic	1
Circulotonic	1
Serotoninergic	1
Antiandrogenic	1
Antineuramidase	1

Activity	Chemical Count
Gonadotropic	1
Antihepatic	1
Asthma-preventive	1
Antipityriasic	1
Lithogenic	1
Antidysmenorrhic	1
Antisprout	1
Antimyocarditic	1
FLavor	1
Antigranular	1
Antixerophthalmic	1
Xanthine-Oxidase-Inhibitor	1
Anticarpal-Tunnel	1
Antidote (Mercury)	1
Antisilicotic	1
Polyamine-Synthesis-Inhibitor	1
Antimitral-valve-prolapse	1
Ergogenic	1
Uterorelaxant	1
Antioxidant Synergist	1
Antidiscotic	1
Antiscorbutic	1
Peristaltic	1
Anthelmintic	1
AntiMeniere's	1
Differentiator	1
Antiulcerogenic	1

Activity	Chemical Count
Antiorchitic	1
Hypouricemic	1
Antiinsomnic	1
Antiretinotic	1
Amphiglycemic?	1
Antifuruncular	1
Tuberculostatic	1
Antiimpotence	1
Anticytomegalovirus	1
Antipyretic	1
Mycobactericide	1
AGEs-Inhibitor	1
Antilipoperoxidant	1
Copper-Antagonist	1
Antitumor (brain)	1
Thymoprotective	1
Antiarabiflavinotic	1
Antinitrosic	1
Antihyperkeratotic	1
Bruchiphobe	1
Antiporphyrin	1
MMP-7-Inhibitor	1
Antileukonychic	1
Cold-preventive	1
Antitinnitic	1
Spermigenic	1
Antineuritic	1

Activity	Chemical Count
Bacteristat	1
Anticirrhotic	1
Lubricant	1
Chelator	1
Antidysphagic	1
PTK-Inhibitor	1
Antiamblyopic	1
Antinephritic	1
Gastroprotective	1
Antiheartburn	1
AP-1-Inhibitor	1
Antiperoxidant	1
Leptingenic	1
Propecic	1
Antiakathisic	1
Antiglossitic	1
Antivertigo	1
Vasorelaxant	1
Anticarcinomic	1
Antipapillomic	1
Interferon-Synergist	1
Antiseborrheic	1
PGE2-Inhibitor	1
Antiacrodermatitic	1
Emetic	1
Antikeshan	1
Antidermatotic	1

Activity	Chemical Count
Occuloirritant	1
Androgenic?	1
Antimastitic	1
Depressant	1
Antigargantitic	1
Antitumor (Stomach)	1
Allelopathic	1
Antilupus	1
COX-1-Inhibitor	1
Antifibrinolytic	1
Antitumor (CNS)	1
Toxic	1
Calcium-Channel-Blocker	1
5-Alpha-Reductase-Inhibitor	1
Antileukotriene	1
Antienterotic	1
Taenicide	1
Antineurotic	1
Anticoeliac	1
Antipodriac	1
Memorigenic	1
Cholagogue	1
Antiedemic	1
Sedative	1
Antianaphylactic	1
Glucosyl-Transferase-Inhibitor	1
Antihemorrhoidal	1

Activity	Chemical Count
Arylamine-N-Acetyltransferase-Inhibitor	1
Lipoxygenase-Inhibitor	1
Antidyskinetic	1
Antispermatogetic	1
Prostaglandin-Synthesis-Inhibitor	1
Antimyalgic	1
Fistula-Preventive	1
Antigout	1
Antiviral?	1
Antiparotitic	1
Keratitigenic	1
Antishingles	1
Pigment	1
Energizer	1
AntiBPH	1
iNOS-Inhibitor	1
Antisarcomic	1
Osteogenic	1
Anorexic	1
Antimelanomic	1
Detoxicant (Alcohol)	1
Antigastrotic	1
Urinary-Acidulant	1