

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Brassica nigra

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	6
ACE-Inhibitor	3
Acidulant	1
Adjuvant	1
Aldose-Reductase-Inhibitor	8
Allelochemic	1
Allelopathic	3
Allergenic	7
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	7
Androgenic?	1
Anemiagenic	1
Angiotensin-Receptor-Blocker	3
Anthelmintic	1
Antiacne	3
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenoviral	1
AntiAGE	1
Antiaggregant	5
Antiaging	3
Antiakathisic	1
Antialcoholic	4
Antialkalotic	1
Antiallergic	5

Activity	Chemical Count
Antiallopecic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	3
Antianemic	3
Antianginal	2
Antiangiogenic	1
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	5
Antiartherosclerotic	2
Antiarthritic	9
Antiasthmatic	5
Antiatherogenic	1
Antiatherosclerotic	4
Antibackache	1
Antibacterial	9
Antiberiberi	1
AntiBPH	1
Anticancer	4
Anticancer (Colon)	2
Anticancer (Foretomach)	2
Anticancer (Liver)	2
Anticancer (Skin)	2

Activity	Chemical Count
Anticanker	3
Anticarcinogenic	3
Anticarcinomic	1
Anticardiospasmic	1
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	3
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Anticlastogen	2
Anticlaudificant?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticonvulsant	2
Anticoronary	4
AntiCrohn's	2
AntiCTS	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	7
Antidepressant?	1

Activity	Chemical Count
Antidermatitic	2
Antidiabetic	9
Antidiabetic?	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	4
Antiedemic	2
Antielastase	2
Antiencephalitic	1
Antiencephalopathic	6
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antiescherichic	1
Antiestrogenic	1

Activity	Chemical Count
Antifatigue	7
Antifeedant	4
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	2
Antiflu	1
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastritic	1
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antigonadotropic	2
Antigranular	1
Antihangover	4
Antiheartburn	1
Antihemolytic	2
Antihemorrhagic	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	7
Antiherpetic	8
Antiherpetic?	1

Activity	Chemical Count
Antihistaminic	5
AntiHIV	3
Antihomocystinuric	1
Antihyperactivity	1
Antihypercholesterolemic	4
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	8
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiilus?	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	12
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
AntiLegionella	3
Antileptic	2
Antileukemic	6
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	2

Activity	Chemical Count
Antileukotriene-D4	3
Antilipoperoxidant	1
Antilithic	2
Antilupus	1
AntiLyme	5
Antilymphomic	1
Antimaculitic	3
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	3
Antimetastatic	2
Antimigraine	5
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	2
Antimutagenic	8
Antimyocarditic	1
Antineoplastic	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1

Activity	Chemical Count
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	4
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	7
Antiototic	1
Antioxidant	16
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	6
Antiparotitic	1
Antipellagic	3
Antiperiodontitic	3
Antiperoxidant	5
Antiperoxyinitrite	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1

Activity	Chemical Count
Antiplateque	2
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	1
Antipoliomyelitic	2
Antiporphyric	1
Antiprolactin	1
Antiproliferant	2
Antiprostaglandin	2
Antiprostatic	3
Antipsoriac	1
Antipsychotic	1
Antipyretic	1
Antiradicular	8
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirheumatitic?	1
Antirhinitic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	8
Antiserotonin	1
Antishingles	1

Activity	Chemical Count
Antisickling	2
Antispare-Tire	1
Antispasmodic	8
Antispasmophilic	1
Antistaphylococcic	1
Antistomatitic	2
Antistress	4
Antistroke	2
Antisunburn	2
Antisyndrome-X	4
Antithiamin	1
Antithrombic	1
Antithyroid	2
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitumor	9
Antitumor (Breast)	1
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	2
Antitumor (Mouth)	1
Antitumor (Prostate)	1
Antitumor (Skin)	4

Activity	Chemical Count
Antitumor (Stomach)	1
Antitumor-Promoter	5
Antitussive	1
Antiulcer	8
Antiulcerogenic	1
Antiuremic	1
Antivaccinia	1
Antivertigo	1
Antiviral	7
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Anxiolytic	5
Aphrodisiac	1
Apoptotic	2
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	1
Autotoxic	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Cancer-Preventive	22
Candidicide	1

Activity	Chemical Count
Capillarigenic	1
Carcinogenic	4
Cardiac	1
Cardioprotective	8
Cardiotoxic	1
Chemopreventive	5
Cholagogue	3
Choleretic	6
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	1
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Colorant	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Cosmetic	1
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cytoprotective	1
Cytotoxic	2

Activity	Chemical Count
Decongestant	1
Demulcent	1
Deodorant	1
Dermatitigenic	1
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Embryotoxic	1
Emetic	1
Ergogenic	1
Essential	8
Expectorant	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	5
Fungicide	9
Gastroprotective	1
Glutathione-Depleting	1
Glutathionigenic	1
Hemolytic	1
Hepatocarcinogenic	1
Hepatoprotective	6
Hepatotoxic	2

Activity	Chemical Count
Hepatotropic	2
Herbicide	3
Histamine-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	1
Hypertensive	1
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	10
Hypoglycemic	5
Hypolipidemic	2
Hypotensive	11
Hypouricemic	1
Immunomodulator	5
Immunostimulant	10
Immunosuppressant	2
Insecticide	1
Insectifuge	6
Insectiphile	3
Insulinase-Inhibitor	1
Insulinogenic	2
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Irritant	1
Juvabional	1

Activity	Chemical Count
Larvicide	1
Larvostat	1
Laxative	4
Leptogenic	1
Leukotriene-Inhibitor	2
Lipotropic	1
Lipoxygenase-Inhibitor	3
Lithogenic	1
Litholytic	1
Lubricant	3
Lyase-Inhibitor	1
Lymphocytogenic	1
Metal-Chelator	3
Metastatic	1
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	1
Mutagenic	2
Myorelaxant	1
Nematicide	2
Nematiostat	1
Nephrotoxic	1
Neuroprotective	1
Neurotransmitter	1
NF-kB-Inhibitor	1
NO-Genic	2
Ornithine-Decarboxylase-Inhibitor	3

Activity	Chemical Count
Osteogenic	1
Oviposition-Stimulant	1
Oxidant	1
Percutaneostimulant	1
Perfumery	2
Pesticide	17
Phagocytotic	4
Pituitary-Stimulant	1
Preservative	1
Prolactinogenic	1
Prooxidant	3
Propepic	5
Prostaglandigenic	4
Prostaglandin-Synthesis-Inhibitor	3
Quinone-Reductase-Inducer	3
Schizophrenigenic	1
Secretagogue	1
Sedative	3
Serotonergic	2
Soap	2
Spermigenic	2
Spice	1
Sunscreen	3
Suppository	1
Sweetener	1
Testosteronigenic	1
Thymoprotective	1

Activity	Chemical Count
TNF-alpha-Inhibitor	1
Topoisomerase-II-Inhibitor	1
Toxic	1
Tranquilizer	2
Tremorigenic	1
Trichomonicide	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Ubiquiot	3
Uricosuric	1
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	1
Vasodilator	8
Vulnerary	4
Xanthine-Oxidase-Inhibitor	1