

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

Activity	Chemical Count
Cancer-Preventive	22
Pesticide	17
Antioxidant	16
Antiinflammatory	12
Hypotensive	11
Hypocholesterolemic	10
Immunostimulant	10
Fungicide	9
Antitumor	9
Antibacterial	9
Diuretic	9
Antiarthritic	9
Antidiabetic	9
Essential	8
Antiherpetic	8
Antimutagenic	8
Antiulcer	8
Vasodilator	8
Cardioprotective	8
Aldose-Reductase-Inhibitor	8
Antihypertensive	8
Antispasmodic	8
Antiseptic	8
Antiradicular	8
Antidepressant	7
Analgesic	7
Antifatigue	7

Activity	Chemical Count
Allergenic	7
Antiviral	7
Antihepatotoxic	7
Antisteoporotic	7
Antileukemic	6
Antiencephalopathic	6
Antiparkinsonian	6
5-Alpha-Reductase-Inhibitor	6
Anticataract	6
Insectifuge	6
Hepatoprotective	6
Choleretic	6
Antimigraine	5
Immunomodulator	5
Antiasthmatic	5
Antitumor-Promoter	5
Antirheumatic	5
Antiarrhythmic	5
Antihistaminic	5
Propecic	5
FLavor	5
Antidementia	5
Antiperoxidant	5
Antiallergic	5
Antiaggregant	5
Chemopreventive	5
Hypoglycemic	5

Activity	Chemical Count
Anxiolytic	5
AntiLyme	5
Laxative	4
Antitumor (Skin)	4
Vulnerary	4
Prostaglandigenic	4
Antistress	4
AntiPMS	4
Antimenopausal	4
Antialopepic	4
Antiobesity	4
Anticancer	4
Carcinogenic	4
Antiatherosclerotic	4
Antihangover	4
Phagocytotic	4
Antialcoholic	4
Antiepileptic	4
Antieczemic	4
Antialzheimeran	4
Antihypercholesterolemic	4
Antitumor (Colon)	4
Antinitrosaminic	4
Antifeedant	4
Antisyndrome-X	4
Antiinsomniac	4
Anticoronary	4

Activity	Chemical Count
Anticlimacteric	3
Antiperiodontitic	3
Antimelanogenic	3
Sunscreen	3
Antimaculitic	3
Sedative	3
Insectiphile	3
Antiacne	3
Monoamine-Precursor	3
Lubricant	3
Antianxiety	3
Antianemic	3
Antiaging	3
Ornithine-Decarboxylase-Inhibitor	3
Anticanker	3
Quinone-Reductase-Inducer	3
Cholagogue	3
Ubiquinol	3
Antidecubitic	3
Calcium-Antagonist	3
Lipoxygenase-Inhibitor	3
Antipellagic	3
Herbicide	3
Anticervicaldysplastic	3
AntiRaynaud's	3
Antiprosthetic	3
Antileukotriene-D4	3

Activity	Chemical Count
Antiandrogenic	3
Prostaglandin-Synthesis-Inhibitor	3
Allelopathic	3
Antiinfertility	3
Antimenorrhagic	3
Prooxidant	3
ACE-Inhibitor	3
Anticephalagic	3
Anticarcinogenic	3
Angiotensin-Receptor-Blocker	3
AntiLegionella	3
Metal-Chelator	3
AntiHIV	3
Antielastase	2
Antianorectic	2
COX-2-Inhibitor	2
Histamine-Inhibitor	2
AntiCFS	2
Antihyperkinetic	2
Apoptotic	2
Interferonogenic	2
Antiglaucomic	2
Clastogenic	2
Anticancer (Liver)	2
Antinociceptive	2
Antifibrinolytic	2
Nematicide	2

Activity	Chemical Count
Cytotoxic	2
Anticold	2
Beta-Blocker	2
Leukotriene-Inhibitor	2
Antihemorrhagic	2
Hepatotoxic	2
Antihyperthyroid	2
Collagenic	2
Antigonadotropic	2
Antitumor (Lung)	2
Perfumery	2
Soap	2
Antidote (Aluminum)	2
Insulinogenic	2
Antidermatitic	2
Antiproliferant	2
Immunosuppressant	2
Antifibrotic	2
Antisunburn	2
Antineuralgic	2
Hypolipidemic	2
Antiendometriotic	2
Anticonvulsant	2
Antiphotophobic	2
Antiedemic	2
Antimetastatic	2
Antidysmenorrhic	2

Activity	Chemical Count
Antioxidant?	2
Antidote (Lead)	2
Antitumor (Forestomach)	2
Anticancer (Forestomach)	2
Antipoliomyelitic	2
Antileptic	2
Antistomatitic	2
AntiCrohn's	2
Antiplaque	2
Antisickling	2
Antiimpotence	2
Antihemolytic	2
Anticheilitic	2
Collagen-Sparing	2
Antitumor (Liver)	2
Serotoninerpic	2
Antilithic	2
CNS-Active	2
Antigastritic	2
NO-Genic	2
Anticancer (Skin)	2
Antithyroid	2
Antineuropathic	2
Tyrosinase-Inhibitor	2
Antistroke	2
Mucogenic	2
Tranquilizer	2

Activity	Chemical Count
AntiMS	2
Anticolitic	2
Antiphenylketonuric	2
Antianginal	2
Antihepatitic	2
Anticlastogen	2
Hepatotropic	2
Antidyskinetic	2
Spermigenic	2
Antidote (Cadmium)	2
Antiophidic	2
Antiprostaglandin	2
Antileukotriene	2
Anticancer (Colon)	2
Mutagenic	2
Antiarteriosclerotic	2
Antishingles	1
Lithogenic	1
Antihepatotic	1
Antiulcerogenic	1
Adjuvant	1
Antielus?	1
Autotoxic	1
TNF-alpha-Inhibitor	1
Antidyspeptic	1
Antiscoliotic	1
Antianaphylactic	1

Activity	Chemical Count
Contraceptive	1
Antiheartburn	1
Pituitary-Stimulant	1
Antiozenic	1
Hepatocarcinogenic	1
Antidote (Paracetamol)	1
Antiretinopathic	1
Antialkalotic	1
Cold-preventive	1
Antitumor (Gastric)	1
Oxidant	1
Anticardiospasmic	1
Antiosteoarthritic	1
Antiviral?	1
Antidiscotic	1
Antipsoriac	1
AntiAGE	1
Antilipoperoxidant	1
Antigallstone	1
NF-kB-Inhibitor	1
Antiporphyrin	1
Cardiotoxic	1
Urine-Acidifier	1
Antithrombic	1
Antiberiberi	1
Antineuritic	1
DNA-Active	1

Activity	Chemical Count
Antiinsomnic	1
Candidicide	1
Tumorigenic	1
Antiescherichic	1
Antinephritic	1
Detoxicant	1
Antihyperactivity	1
AntiCTS	1
Antispare-Tire	1
Antimitral-valve-prolapse	1
Antivaccinia	1
Antiperoxynitrite	1
Hypercholesterolemic	1
Allelochemic	1
Antiinfective	1
Toxic	1
AntiEBV	1
Antiscotomic	1
Cosmetic	1
Prolactinogenic	1
Antichilblain	1
Ascaricide	1
Sweetener	1
Antidysgeuzic	1
Juvabional	1
Antimastalgic	1
Antiototic	1

Activity	Chemical Count
Glutathione-Depleting	1
Antixerophthalmic	1
Antipyretic	1
Antilupus	1
CNS-Depressant	1
Antigastrotic	1
Antitumor (CNS)	1
Fibrinolytic	1
Antiacrodynic	1
Antileukoplakic	1
Uterorelaxant	1
Antitic	1
Nephrotoxic	1
Antineurotic	1
Embryotoxic	1
Anemiagenic	1
Antikeratitic	1
Mucolytic	1
Diaphoretic	1
Antipodriac	1
Tremorigenic	1
Antispasmophilic	1
Lymphocytogenic	1
Demulcent	1
Hypnotic	1
Antiserotonin	1
Antiangiogenic	1

Activity	Chemical Count
COX-1-Inhibitor	1
Antihepatoadenomic	1
Anticlaudificant?	1
Acidulant	1
Antichythyotic	1
Astringent	1
Thymoprotective	1
Antirhinitic	1
Larvostat	1
Antiamblyopic	1
Antimeasles	1
Comedolytic	1
Antitumor (Prostate)	1
Hemolytic	1
Antihyperkeratotic	1
Aphrodisiac	1
Spice	1
Interferon-Synergist	1
Antilymphomic	1
Co-carcinogenic	1
Antigingivitic	1
Oviposition-Stimulant	1
Anticarcinomic	1
Antiorchitic	1
Secretagogue	1
Antidiabetic?	1
Antiadenoviral	1

Activity	Chemical Count
Circulotonic	1
Antifuruncular	1
Antitriglyceride	1
Neurotransmitter	1
Antinitrosic	1
Ergogenic	1
Hypouricemic	1
Anthelmintic	1
Urinary-Acidulant	1
Antifertility	1
Antithiamin	1
Myorelaxant	1
Antineurasthenic	1
Alpha-Reductase-Inhibitor	1
Antiinsomniac?	1
Tumor-Promoter	1
Metastatic	1
Antineoplastic	1
Dermatitigenic	1
Antihomocystinuric	1
Hypoarginanemic	1
Antiencephalitic	1
Litholytic	1
Antianorexic	1
Antimitotic	1
Cytoprotective	1
Antiuremic	1

Activity	Chemical Count
Anticoeliac	1
Hydrocholerectic	1
Beta-Adrenergic Receptor Blocker	1
Topoisomerase-II-Inhibitor	1
Antidysphagic	1
Antiscorbutic	1
Leptogenic	1
AntiMeniere's	1
Copper-Antagonist	1
Antitumor (Stomach)	1
Preservative	1
Antipapillomic	1
Arteriodilator	1
Suppository	1
Antidote (Paraquat)	1
Antiretinotic	1
Irritant	1
Antimanic	1
Antiglossitic	1
Percutaneostimulant	1
Anticarpal-Tunnel	1
Gastroprotective	1
Antivertiginous	1
Antidote (Acetaminophen)	1
Antipsychotic	1
Insulinase-Inhibitor	1
Xanthine-Oxidase-Inhibitor	1

Activity	Chemical Count
Antitumor (Breast)	1
Antinyctalopic	1
Expectorant	1
Antidepressant?	1
Antiprolactin	1
Antiacrodermatitic	1
Antileukonychic	1
Urine-Deodorant	1
Antifibromyalgic	1
Nematiovistat	1
AntiBPH	1
DNA-Protective	1
Androgenic?	1
Antiischemic	1
Capillarigenic	1
Antiestrogenic	1
Antiatherogenic	1
Antinephrolytic	1
Detoxicant (Alcohol)	1
Antidandruff	1
Antipneumonic	1
Antiencephalopathic?	1
Lyase-Inhibitor	1
Antiarabiflavinotic	1
Decongestant	1
Antiherpetic?	1
Antivertigo	1

Activity	Chemical Count
Hypertensive	1
Beta-Glucuronidase-Inhibitor	1
Lipotropic	1
Counterirritant	1
Antitussive	1
Antiparotitic	1
Antihypoglycemic	1
Asthma-preventive	1
Testosteronigenic	1
Antirheumatitic?	1
Larvicide	1
Antimastitic	1
Colorant	1
Antigranular	1
Antitumor (Mouth)	1
Glutathionigenic	1
Insulinotonic	1
Antiakathisic	1
CNS-Stimulant	1
Antigenotoxic	1
Osteogenic	1
Fistula-Preventive	1
Schizophrenigenic	1
Insecticide	1
AntiADD	1
Uterosedative	1
Antiflu	1

Activity	Chemical Count
Antitinnitic	1
Neuroprotective	1
Emetic	1
Cardiac	1
Uricosuric	1
Antibackache	1
Antineuramidase	1
Diaphoretic?	1
Antideliriant	1
Antipolio	1
Calcium-Channel-Blocker	1
Trichomonicide	1
Antienterotic	1
Antistaphylococcic	1
Antimyocarditic	1
Deodorant	1
Antipityriasic	1
Hypoammonemic	1
Alpha-Glucosidase-Inhibitor	1