

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

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	5
Acarifuge	1
ACE-Inhibitor	1
Acidulant	1
Adjuvant	1
Aldose-Reductase-Inhibitor	1
Allergenic	4
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	5
Androgenic	2
Androgenic?	1
Anemiagenic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	3
Antiacid	1
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	1
Antiadrenalinic	1
AntiAGE	2
Antiaggregant	3
Antiaging	3
Antiakathisic	1

Activity	Chemical Count
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	4
Antialopepic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	4
Antianginal	2
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarteriosclerotic	3
Antiarthritic	11
Antiasthmatic	4
Antiatherosclerotic	5
Antibackache	1
Antibacterial	2
Antiberiberi	1
AntiBPH	1
Anticancer	1

Activity	Chemical Count
Anticancer (Bladder)	1
Anticancer (Breast)	2
Anticancer (Cervix)	2
Anticancer (Esophagus)?	1
Anticancer (Lung)	1
Anticancer (Prostate)	1
Anticanker	3
Anticarcinomic	1
Anticardiospasmic	1
Anticarpal-Tunnel	1
Anticataract	7
Anticephalagic	3
Anticervicaldysplastic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Anticirrhotic	1
Anticirrhotic?	1
Anticlaudificant?	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticonvulsant	2
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2

Activity	Chemical Count
AntiCTS	1
Antidandruff	4
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	8
Antidepressant?	1
Antidermatitic	2
Antidiabetic	8
Antidiabetic?	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	5
Antiedemic	2
Antiencephalitic	1

Activity	Chemical Count
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antiestrogenic	1
Antifatigue	7
Antifeedant	1
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antifuruncular	1
Antigallstone	1
Antigastritic	3
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	2
Antiglycosuric	1
Antigonadotrophic	1
Antigout	1
Antigranular	1
Antigrey	1
Antihangover	4
Antiheartburn	1
Antihemorrhagic	2

Activity	Chemical Count
Antihepatic	2
Antihepatotic	1
Antihepatotoxic	2
Antiherpetic	3
Antiherpetic?	1
Antihistaminic	3
AntiHIV	2
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	7
Antihypoglycemic	1
Antiichthyotic	1
Antiielus?	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	9
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1

Activity	Chemical Count
Antileptic	2
Antileukemic	2
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	1
Antileukotriene-D4	3
Antilipoperoxidant	1
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphomic	2
Antimaculitic	4
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	1
AntiMeniere's	1
Antimenopausal	5
Antimenorrhagic	2
Antimetastatic	2
Antimigraine	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	3
Antimyalgic	1

Activity	Chemical Count
Antimyelotoxic	1
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
AntiNF-kB	1
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	5
Antionychyotic	1
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiototic	1
Antioxidant	15
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	7
Antiparotitic	1



Activity	Chemical Count
Antipellagic	3
Antipeptic	1
Antiperiodontitic	4
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplaque	3
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	2
Antiprostaglandin	2
Antiprostataadenomic	1
Antiprostatic	6
Antiprostatotic	1
Antipruritic	1
Antipsoriac	2
Antipsychotic	2
Antipyretic	2
Antiradicular	5
AntiRaynaud's	3
Antiretardation	1

Activity	Chemical Count
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirheumatitic?	1
Antirhinitic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	3
Antishingles	1
Antisickling	2
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	4
Antispasmophilic	1
AntiSpina-Bifida	1
Antistomatitic	1
Antistress	4
Antistroke	2
Antisyndrome-X	6
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitumor	4
Antitumor (Bladder)	1
Antitumor (brain)	1

Activity	Chemical Count
Antitumor (Breast)	4
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	1
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	4
Antitumor (Prostate)	3
Antitumor (Stomach)	1
Antiulcer	9
Antiulcerogenic	1
Antiuremic	1
Antivaginitic	1
Antivertigo	1
Antiviral	3
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Anxiolytic	6
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	3
Artemicide	2
Asthma-preventive	1
Astringent	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2

Activity	Chemical Count
Beta-Glucuronidase-Inhibitor	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Cancer-Preventive	18
Candidicide	2
Carcinogenic	2
Cardiomyopathogenic	1
Cardioprotective	9
Cardiotoxic	1
Caspase-8-Inducer	1
Chemopreventive	1
Choleretic	2
Circulotonic	1
CNS-Depressant	1
Cold-preventive	1
Collagenic	2
Colorant	2
Comedogenic	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Cosmetic	1
COX-1-Inhibitor	1
COX-2-Inhibitor	1
Deodorant	1
Depressant	1
Dermatitigenic	2

Activity	Chemical Count
Detoxicant	1
Detoxicant (Alcohol)	1
Diuretic	6
Emetic	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogenic	3
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	6
Fungicide	2
Gastroprotective	1
Glutathionigenic	1
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hepatoprotective	4
Hepatotoxic	1
Hypercholesterolemic	1
Hypertensive	2
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1

Activity	Chemical Count
Hypocholesterolemic	16
Hypoglycemic	6
Hypolipidemic	2
Hypotensive	9
Hypouricemic	1
Immunomodulator	7
Immunostimulant	6
Immunosuppressant	1
Insectifuge	4
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Irritant	2
Keratolytic	2
Laxative	4
Leptogenic	1
Lipotropic	1
Lithogenic	2
Litholytic	1
Lubricant	2
Memorigenic	1
Metastatic	1
Monoamine-Precursor	3
Mucogenic	2

Activity	Chemical Count
Mucolytic	1
Myorelaxant	1
Nematicide	2
Nephrotoxic	2
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	1
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1
Ornithine-Decarboxylase-Inhibitor	1
Osteogenic	1
Ovulant	1
Oxidant	2
Parasiticide	1
Percutaneostimulant	2
Perfumery	3
Pesticide	10
Phagocytotic	1
Pituitary-Stimulant	1
Polyamine-Synthesis-Inhibitor	1
Prolactinogenic	1
Prooxidant	3
Propecic	4
Prostaglandin-Sparer	1
Protein-Kinase-C-Inhibitor	1

Activity	Chemical Count
Roborant	1
Scabicide	1
Schizophrenigenic	1
Sedative	3
Serotonergic	2
Soap	2
Spermicide	1
Spermigenic	2
Sunscreen	1
Suppository	1
Suppurative	1
Testosteronigenic	1
Thymoprotective	1
Toxic	1
Tranquilizer	2
Tremorigenic	1
Trichomonicide	1
Tumor-Promoter	1
Ubiquit	2
Ulcerogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Vasodilator	7
VEGF-Inhibitor	1



Activity	Chemical Count
Vulnerary	3
Xanthine-Oxidase-Inhibitor	1