

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

Activity	Chemical Count
Pesticide	14
Antibacterial	12
Antioxidant	11
Antiinflammatory	11
Antitumor	9
Antiseptic	8
Cancer-Preventive	8
Antiviral	8
Insectifuge	7
Aldose-Reductase-Inhibitor	7
Antimutagenic	7
Fungicide	7
Antispasmodic	7
Analgesic	7
Perfumery	6
Allergenic	6
Antihepatotoxic	6
Hepatoprotective	6
Choleretic	6
Sedative	5
Cytotoxic	5
Antiherpetic	5
Antitumor-Promoter	5
Ornithine-Decarboxylase-Inhibitor	5
Antileukemic	5
Antiradicular	5
AntiHIV	5

Activity	Chemical Count
Antitumor (Skin)	4
Anticancer	4
Antistaphylococcic	4
Xanthine-Oxidase-Inhibitor	4
Antiproliferant	4
Antiulcer	4
Antifeedant	4
Irritant	4
Immunostimulant	4
Anticariogenic	4
Antihistaminic	4
Antinitrosaminic	4
FLavor	4
Candidicide	4
Sunscreen	4
Lipoxygenase-Inhibitor	4
Antiallergic	3
Apoptotic	3
Anticarcinogenic	3
Cholagogue	3
Antiaggregant	3
Antiacne	3
Antiperoxidant	3
Antiflu	3
Antiarrhythmic	3
Flatugenic	3
Vulnerary	3

Activity	Chemical Count
Diuretic	3
Cyclooxygenase-Inhibitor	3
Metal-Chelator	3
Herbicide	3
Antithyroid	3
Antiedemic	3
Antiangiogenic	3
Expectorant	3
Immunosuppressant	3
Carcinogenic	3
Histamine-Inhibitor	2
Termitifuge	2
MAO-Inhibitor	2
Antisunburn	2
Antiescherichic	2
Antiasthmatic	2
Clastogenic	2
Antileishmanic	2
Antihypercholesterolemic	2
Prostaglandigenic	2
Allelochemic	2
Antitumor (Forestomach)	2
PKC-Inhibitor	2
Antigonadotropic	2
Hepatotropic	2
Antinociceptive	2
Anticancer (Forestomach)	2

Activity	Chemical Count
CNS-Depressant	2
Oviposition-Stimulant	2
Antimelanogenic	2
Antianaphylactic	2
Antidiabetic	2
Antileukotriene	2
Myorelaxant	2
Antihyperthyroid	2
COX-2-Inhibitor	2
Preservative	2
Antihemolytic	2
ACE-Inhibitor	2
Sweetener	2
Antiophidic	2
Antineoplastic	2
Larvicide	2
AntiLegionella	2
Antipolio	2
Anxiolytic	2
Transdermal	2
Anticancer (Skin)	2
Prooxidant	2
Antitumor (Colon)	2
Spasmogenic	2
Leukotriene-Inhibitor	2
Anticancer (Colon)	2
Collagen-Sparing	2

Activity	Chemical Count
Antiestrogenic	2
CNS-Active	2
Insecticide	2
Chemopreventive	2
Antidermatitic	2
DNA-Protective	2
Antihypertensive	2
Hypotensive	2
Anticarcinomic	2
Topoisomerase-I-Inhibitor	2
Antitumor (Liver)	2
Anticancer (Liver)	2
Radioprotective	2
Antistreptococcic	2
Antiaging	2
Carminative	2
Anticancer (Prostate)	1
Culicide	1
Progestational	1
Antihepatoadenomic	1
Aggregant	1
Barbituate-Synergist	1
Antiophthalmic	1
Antitumor (Breast)	1
Pheromone	1
Antigenotoxic	1
Hepatocarcinogenic	1

Activity	Chemical Count
Arteriodilator	1
Antinephritic	1
Larvostat	1
Coleoptophile	1
P450-Inducer	1
Gastroprotective	1
Psychotropic	1
Antimite	1
Interferonogenic	1
Nodulation-Signal	1
Antidyskinetic	1
Flatulent	1
Antimange	1
Inotropic	1
Chelator	1
Nephrotoxic	1
Antidepressant	1
DNA-Active	1
Ileorelaxant	1
Antiadenovirus	1
Cardioactive	1
Uterosedative	1
Musculotropic	1
Anticolic	1
Hypolipidemic	1
Anthelmintic	1
Trichomonicide	1

Activity	Chemical Count
Cyclin-D1-Inhibitor	1
Hydrocholerectic	1
Bitter	1
TNF-alpha-Inhibitor	1
Antiperiodontitic	1
Memorigenic	1
Collyrium	1
11B-HSD-Inhibitor	1
Atherogenic	1
Styptic	1
Lipotropic	1
Antithrombic	1
Gram(+)icide	1
Quinone-Reductase-Inducer	1
AntiMRSA	1
Antiatherosclerotic	1
Antistomatitic	1
AntiEBV	1
Floral-Inhibitor	1
Antishock	1
NO-Genic	1
Estrogenic	1
Cardioprotective	1
Vasodilator	1
Antiproteolytic	1
Anticonvulsant	1
Demulcent	1

Activity	Chemical Count
Hypothermic	1
Candidostat	1
Tumor-Promoter	1
Mosquitocide	1
Cytochrome-P450-1A1-Inhibitor	1
Antivaccinia	1
Hypertensive	1
Bronchorelaxant	1
Topoisomerase-II-Inhibitor	1
Anticancer (Lung)	1
Antitumor (Lung)	1
HIF-1alpha-Inhibitor	1
Bacteristat	1
Lyase-Inhibitor	1
Phagocytotic	1
Hemostat	1
Arrhythmigenic	1
Secretagogue	1
Antibronchitic	1
Co-carcinogenic	1
Antistress	1
P450-2B1-Inhibitor	1
Antielastase	1
GABA-nergic	1
Protein-Kinase-C-Inhibitor	1
Antimetastatic	1
Insulin-Sparing	1

Activity	Chemical Count
Cholinergic	1
Antistaph	1
NO-Synthase-Inhibitor	1
Antidysenteric	1
Antilymphomic	1
iNOS-Inhibitor	1
Antiallergenic	1
Cerebrotonic	1
Antirenitic	1
Nematicide	1
Antidementia	1
IKK-Inhibitor	1
Antiadenoviral	1
Cardiac	1
Uricogenic	1
Motor-Depressant	1
Anticirrhotic	1
Cytoprotective	1
Antihomocysteine	1
Hypoglycemic	1
Anesthetic	1
Calcium-Antagonist?	1
Cyclin-B1-Inhibitor	1
Hyaluronidase-Inhibitor	1
Beta-Glucuronidase-Inhibitor	1
Testosterone-Inducer	1
MAPK-Inhibitor	1

Activity	Chemical Count
Phytoalexin	1
Antiglutamaergic	1
Astringent	1
Antithiamin	1
Parasympathomimetic	1
Glucosyl-Transferase-Inhibitor	1
PTK-Inhibitor	1
Antimitotic	1
Interleukin-6-Inhibitor	1
Antiatherogenic	1
Antisteatotic	1
Antidysmenorrhic	1
Antimanic	1
Antialzheimeran	1
Antiserotonin	1
NF-kB-Inhibitor	1
Immunomodulator	1
Antiaflatoxin	1
Cardiodepressant	1
Uterotrophic	1
Antiprostaglandin	1
Mutagenic	1
Anticomplementary	1
Deiodinase-Inhibitor	1
Antiacetylcholinesterase	1
Triglycerigenic	1
Antiulcerogenic	1

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	1
Antihiccup	1
Hypercholesterolemic	1
Allelopathic	1
Bronchodilator	1
Antiperistaltic	1
COX-1-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Antihelicobacter	1
Acaricide	1
Autotoxic	1
Antionychotic	1
Antifibrinolytic	1
Gram(-)-icide	1
Aromatase-Inhibitor	1
Juvabional	1
CNS-Stimulant	1
P21-Inducer	1
Antimelanomic	1
Insectiphile	1
NO-Inhibitor	1
Antidiarrheic	1
Antilipolytic	1
VEGF-Inhibitor	1
NADH-Oxidase-Inhibitor	1
Anticystinuric	1
Differentiator	1

Activity	Chemical Count
ICAM-1-Inhibitor	1
AntiADD	1
Tumorigenic	1
Mosquitofuge	1
Antichoreic	1
Cytochrome-P450-Inducer	1
Hypnotic	1
Calcium-Antagonist	1
Tranquilizer	1
Antipneumonic	1