

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Viola odorata*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acaricide	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	5
Allelochemic	4
Allelopathic	1
Allergenic	7
Analgesic	6
Anaphrodisiac	1
Androgenic	1
Anesthetic	3
Angiogenic	1
Anorexic	1
Antiadenomic	1
Antiadrenergic	1
Antiaflatoxin	3
Antiaggregant	5
Antiaging	1
Antiallergic	4
Antialopepic	1
Antialzheimeran	1
Antianaphylactic	1
Antiandrogenic	2
Antianemic	1

Activity	Chemical Count
Antiangiogenic	1
Antiapoplectic	1
Antiarachidonate	1
Antiarrhythmic	2
Antiarthritic	2
Antiasthmatic	2
Antiatherogenic	1
Antiatherosclerotic	3
Antibacterial	11
Antibronchoconstrictor	1
Anticancer	3
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Fore stomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	2
Anticholinergic	1
Anticlastogen	1
Anticolitic	1
Anticomplementary	1

Activity	Chemical Count
Anticonvulsant	2
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidementia	1
Antidepressant	1
Antidermatitic	2
Antidermatotic	1
Antidiabetic	2
Antidrepanocytic	1
Antidysmenorrhic	1
Antieczemic	1
Antiedemic	4
Antielastase	1
Antiencephalitic	1
Antierythemic	1
Antiescherichic	2
Antiestrogenic	4
Antifeedant	6
Antifertility	2
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antiflu	1
Antigastric	1
Antigenotoxic	1

Activity	Chemical Count
Antigingivitic	1
Antiglaucomic	1
Antigonadotrophic	1
Antigonadotropic	1
AntiGTF	1
Antihematuric	1
Antihemorrhoidal	1
Antihepatomic	1
Antihepatotoxic	5
Antiherpetic	6
Antihistaminic	3
AntiHIV	1
Antihydrophobic	1
Antihyperlipoproteinaemic	1
Antihypertensive	2
Antiichthyosic	1
Antiimplantation	1
Antiinflammatory	11
Antikeratotic	1
Antilactobacillic	1
Antileishmanic	1
Antileukemic	4
Antileukotriene	1
Antileukotrienogenic	1
Antilipoperoxidant	1
Antilisteria	1
Antilymphocytic	1

Activity	Chemical Count
Antilymphomic	1
Antimalarial	2
Antimelanomic	3
Antimetastatic	2
Antimitotic	2
Antimutagenic	9
Antimyocarditic	1
Antineoplastic	1
Antinephritic	1
Antineuralgic	1
Antinitrosaminic	2
Antinitrosating	1
Antinociceptive	2
Antiodontalgic	1
Antioncychomycotic	1
Antiophidic	1
Antioxidant	12
Antioxidant Synergist	1
Antipancreatic	1
Antiperiodic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antiperoxyinitrite	1
Antipharyngitic	1

Activity	Chemical Count
Antiplatelet	2
Antiplasmodial	1
Antiplatelet	1
AntiPMS	1
Antipodagric	1
Antipodriac	1
Antipolio	3
Antiprogestational	1
Antiproliferant	3
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	2
Antiprotozoal	1
Antipruritic	1
Antipsoriac	2
Antipurpuric	1
Antipyretic	4
Antiradicular	7
Antirheumatalgic	1
Antirheumatic	1
Antisalmonella	1
Antiseborrheic	2
Antiseptic	7
Antiserotonin	2
Antisickling	1
Antispasmodic	6

Activity	Chemical Count
Antistaphylococcic	2
Antistreptococcic	1
Antisunburn	1
Antitartar	1
Antithiamin	1
Antithrombic	2
Antithrombogenic	1
Antithromboxane	1
Antithyroid	1
AntiTNF	1
Antitrypanosomic	2
Antitubercular	1
Antitumor	10
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	2
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	3
Antitumor (Ovary)	2
Antitumor (Skin)	2
Antitumor-Promoter	5
Antitympanic	1
Antiulcer	4
Antivaricose	1
Antiviral	9

Activity	Chemical Count
Antiyeast	1
Apifuge	1
Apoptotic	5
Aromatase-Inhibitor	1
Artemicide	1
Arteriodilator	1
ATPase-Inhibitor	1
Bacteristat	3
Bradycardiac	1
Bronchorelaxant	1
Bruchiphobe	1
Calcium-Antagonist	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	13
Candidicide	5
Capillariprotective	2
Carcinogenic	2
Carcinogenic?	1
Cardiac	1
Carminative	2
Caspase-8-Inducer	1
Catabolic	2
Chemopreventive	1
Cholagogue	2
Choleretic	5
CNS-Depressant	2

Activity	Chemical Count
CNS-Stimulant	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	2
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Dentifrice	1
Dermatitigenic	2
Diaphoretic?	2
Differentiator	1
Diuretic	3
Emetic	2
Enterorelaxant	1
Estrogenic	3
Estrogenic?	1
Febrifuge	1
FLavor	6
Fungicide	12
Glucosyl-Transferase-Inhibitor	1

Activity	Chemical Count
Gonadotrophic	1
Hemolytic	1
Hemopoietic	1
Hemostat	2
Hepatomagenic	2
Hepatoprotective	7
Hepatotropic	1
Herbicide	3
Herpetifuge	1
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	1
Hypocholesterolemic	3
Hypoglycemic	4
Hypolipidemic	2
Hypotensive	3
ICAM-1-Inhibitor	1
Immunomodulator	2
Immunostimulant	1
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	2
Insectifuge	5
Insectifuge?	1
Insectiphile	2
Insulinogenic	1

Activity	Chemical Count
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	3
JNK-Inhibitor	1
Juvabonal	3
Keratolytic	1
Larvicide	1
Larvostat	2
Laxative?	1
Lipoxygenase-Inhibitor	3
Lubricant	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Motor-Depressant	1
Motor-Stimulant	1
Musculotropic	1
Mutagenic	3
Mycobactericide	1
Myoprotective	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	4

Activity	Chemical Count
NEP-Inhibitor	1
Neuroprotective	2
Neurotoxic	1
NF-kB-Inhibitor	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
P450-1A-Inducer	1
P450-2B-Inducer	1
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	2
Pediculicide	1
Perfume	1
Perfumery	4
Pesticide	19
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1
Phytoalexin	1
Phytohormonal	1
Pigment	1
Plasmodicide	1
Preservative	1
Proliferant	1
Propepic	1

Activity	Chemical Count
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Rubefacient	1
Sedative	3
Sialogogue	1
Soap	1
Spermicide	1
Sunscreen	2
Teratologic	2
Termiticide	1
Thermogenic	1
Tineacide	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Tremorigenic	1
Trichomonicide	2
Trichomonistat	1
Trypsin-Enhancer	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1

Activity	Chemical Count
Ubiquinol	1
Ulcerogenic	3
Uterosedative	2
Uterotrophic	1
Varroacide	1
Vasodilator	4
Vasopressor	1
VEGF-Inhibitor	1
Vermifuge	1
Xanthine-Oxidase-Inhibitor	1