

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Menyanthes trifoliata*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acaricide	1
Acidulant	3
Additive	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	13
Allelochemic	4
Allelopathic	2
Allergenic	6
Alpha-Glucosidase-Inhibitor	1
Analgesic	10
Androgenic?	1
Anesthetic	2
Angiotensin-Receptor-Blocker	1
Ant-Repellent	1
Anthelmintic	3
Antiacne	1
Antiadenoviral	1
Antiadrenergic	1
Antiaflatoxin	3
AntiAGE	1
Antiaggregant	6
Antiaging	5
Antiallergic	5

Activity	Chemical Count
Antialzheimeran	3
Antianaphylactic	2
Antianemic	2
Antiangiogenic	2
Antiapoplectic	1
Antiarrhythmic	3
Antiarthritic	5
Antiasthmatic	5
Antiatherogenic	3
Antiatheromic	1
Antiatherosclerotic	4
Antibacillus	1
Antibacterial	22
Antibronchoconstrictor	1
Anticancer	9
Anticancer (Colon)	2
Anticancer (Forestomach)	2
Anticancer (Liver)	2
Anticancer (Skin)	2
Anticapillary-Fragility	2
Anticarcinogenic	3
Anticarcinomic	3
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	3
Anticervicaldysplasic	4
AntiCFS	1

Activity	Chemical Count
Anticheilitic	2
Anticholinergic	1
Antichoreic	1
Anticirrhotic	1
Anticlastogen	2
Anticlimacteric	1
Anticold	1
Anticolitic	1
Anticolitic?	1
Anticomplementary	1
Anticonvulsant	1
Anticoronary	2
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticystinuric	1
Anticystitic	1
Antidandruff	1
Antidecubitic	1
Antidementia	4
Antidepressant	5
Antidermatitic	3
Antidermatotic	1
Antidiabetic	7
Antidiarrheic	3
Antidote (Aluminum)	1
Antidote (Cadmium)	1

Activity	Chemical Count
Antidote (Lead)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidyskinetic	1
Antidysmenorrhic	1
AntiEBV	2
Antieczemic	2
Antiedemic	8
Antielastase	3
Antiencephalitic	2
Antiendometriotic	1
Antienteritic	1
Antierhythmic	1
Antiescherichic	3
Antiestrogenic	2
Antifatigue	2
Antifeedant	5
Antifertility	1
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	5
Antigallstone	2
Antigastric	1
Antigastritic	2
Antigenotoxic	1
Antigingivitic	4
Antiglaucomic	2

Activity	Chemical Count
Antiglossitic	2
Antigonadotropic	3
Antigout	1
AntiGTF	1
Antihangover	1
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	12
Antiherpetic	8
Antihistaminic	7
AntiHIV	6
Antihomocysteine	1
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperglycemic	1
Antihyperkeratotic	1
Antihypertensive	4
Antihyperthyroid	2
Antiichthyosic	1
Antiichthyotic	1
Antiimplantation	2
Antiinfertility	2

Activity	Chemical Count
Antiinflammatory	21
Antiischemic	4
AntiLegionella	3
Antileishmanic	1
Antileptic	1
Antileukemic	7
Antileukoplakic	1
Antileukotriene	3
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	3
Antilupus	1
AntiLyme	1
Antilymphocytic	1
Antimaculitic	2
Antimalarial	4
Antimanic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	3
Antimeningitic	1
Antimenopausal	1
Antimetaplastic	1
Antimetastatic	3
Antimigraine	1

Activity	Chemical Count
Antimitotic	1
Antimutagenic	13
Antimyelotoxic	2
Antimyocarditic	1
Antineoplastic	1
Antinephritic	2
Antineuralgic	1
Antineuramidase	1
Antineuropathic	2
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	5
Antiobesity	2
Antiobesity?	1
Antiodontalgic	1
Antioncychomycotic	1
Antiophidic	3
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	1
Antiosteoporotic?	1
Antiotitic	1
Antioxalate	1
Antioxidant	18
Antiozenic	1
Antipancreatic	1
Antipapillomic	1

Activity	Chemical Count
Antiparkinsonian	1
Antiparotitic	1
Antiperiodic	1
Antiperiodontal	2
Antiperiodontic	1
Antiperiodontitic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	7
Antiperoxyinitrite	1
Antipharyngitic	1
Antiphotophobic	1
Antipityriasic	1
Antiplatelet	4
Antiplasmodial	2
Antiplatelet	1
AntiPMS	2
Antipneumonic	1
Antipodagric	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	1
Antipolyp	1
Antiporphyrin	1
Antiproliferant	6
Antiprostaglandin	3
Antiprostanoid	1

Activity	Chemical Count
Antiprostatic	1
Antiprostatic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	3
Antipsychotic	3
Antipurpuric	1
Antipyretic	3
Antiradicular	15
AntiRaynaud's	1
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	1
Antisalmonella	1
Antiscorbutic	1
Antiseborrheic	1
Antiseptic	12
Antiserotonin	2
Antishigellc	1
Antishingles	1
Antisickling	2
Antispasmodic	9
AntiSpina-Bifida	2
Antistaphylococcic	4
Antisteatotic	1

Activity	Chemical Count
Antistomatitic	1
Antistreptococcic	2
Antistress	2
Antisunburn	3
Antisyncope	1
Antisyndrome-X	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithyroid	3
Antitrypanosomic	2
Antitumor	15
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Foreestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	3
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Prostate)	2
Antitumor (Skin)	5
Antitumor (Stomach)	1
Antitumor-Promoter	8
Antitussive	4

Activity	Chemical Count
Antitympanic	1
Antiulcer	8
Antiulcerogenic	1
Antiurethrotic	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antiviral	14
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	1
Aphidifuge	1
Apoptotic	8
Aromatase-Inhibitor	1
Artemicide	1
Arteriodilator	1
Ascaricide	1
Asthma-preventive	1
Astringent	1
Ataractic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bifidogenic	1
Bradycardiac	1

Activity	Chemical Count
Bronchorelaxant	1
Bruchifuge	1
Calcium-Antagonist	3
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	17
Candidicide	2
Capillarifortificant	2
Capillarigenic	2
Capillariprotective	2
Carcinogenic	5
Cardiac	2
Cardiodepressant	1
Cardioprotective	3
Catabolic	2
Cathartic	2
Cerebrotonic	1
Chelator	1
Chemopreventive	6
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Cholagogue	5
Choleretic	7
Cholinergic	1
Clastogenic	2
CNS-Active	2

Activity	Chemical Count
CNS-Depressant	2
CNS-Paralytic	1
CNS-Stimulant	3
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	1
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	2
Corrosive	1
Corticosterogenic	1
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	5
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	7
Deiodinase-Inhibitor	1
Demulcent	1
Dermatitigenic	1
Detoxicant	1
Diaphoretic?	2
Differentiator	1

Activity	Chemical Count
Diuretic	6
DNA-Active	1
DNA-Protective	1
Emetic	1
Estrogenic	2
Estrogenic?	1
Expectorant	2
Fistula-Preventive	1
FLavor	4
FPTase-Inhibitor	1
Fungicide	13
Fungistat	2
Fungitoxic	1
Gastroprotective	1
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Hematopoietic	2
Hemostat	3
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	13
Hepatotoxic	1
Hepatotropic	2
Herbicide	2
Histamine-Inhibitor	2
HIV-RT-Inhibitor	2

Activity	Chemical Count
Hydrocholerectic	1
Hypocholesterolemic	6
Hypoglycemic	8
Hypolipemic	1
Hypolipidemic	1
Hypotensive	11
Hypothermic	1
ICAM-1-Inhibitor	1
Ileorelaxant	1
Immunomodulator	2
Immunostimulant	8
Immunosuppressant	4
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	5
Insectiphile	1
Insulinogenic	1
Interferon-Synergist	1
Interferonogenic	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	3
Keratitigenic	1
Keratolytic	1
Larvostat	3

Activity	Chemical Count
Laxative	3
Leukotriene-Inhibitor	2
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	6
Lithogenic	1
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	1
Mucolytic	2
Musculotropic	1
Mutagenic	3
Myoprotective	1
Myorelaxant	5
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematistat	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2

Activity	Chemical Count
Neurotoxic	1
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	5
Osteolytic	1
Oviposition-Stimulant	2
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Parasympathomimetic	1
Perfumery	2
Peristaltic	1
Pesticide	27
PGE2-Inhibitor	1
Phagocytotic	3
Phospholipase-A2-Inhibitor	1
Phospholipase-Inhibitor	1
Phytoalexin	2
Phytohormonal	1
Plasmodicide	1
Prebiotic	1
Preservative	2
Probiotic	1
Probiotigenic	1
Proliferant	1

Activity	Chemical Count
Prooxidant	2
Prostaglandigenic	4
Prostaglandin-Synthesis-Inhibitor	4
Protein-Kinase-C-Inhibitor	1
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Secretagogue	2
Sedative	4
Sequestrant	1
Spermicide	1
Sunscreen	4
Sweetener	1
Teratologic	2
Thermogenic	1
Thymoprotective	1
Tineacide	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	4
Toxic	1
Tranquilizer	1
Tumorigenic	2

Activity	Chemical Count
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	1
Ubiquit	4
Ulcerogenic	2
Uricosuric	3
Urinary-Acidulant	1
Uterosedative	2
Uterotrophic	1
Vasodilator	5
Vasopressor	1
VEGF-Inhibitor	1
Verrucolytic	1
Vulnerary	3
Xanthine-Oxidase-Inhibitor	6