

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

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	6
Vulnerary	3
Verrucolytic	1
VEGF-Inhibitor	1
Vasopressor	1
Vasodilator	5
Uterotrophic	1
Uterosedative	2
Urinary-Acidulant	1
Uricosuric	3
Ulcerogenic	2
Ubiquit	4
Tyrosine-Kinase-Inhibitor	1
Tyrosinase-Inhibitor	3
Tumorigenic	2
Tranquilizer	1
Toxic	1
Topoisomerase-II-Inhibitor	4
Topoisomerase-I-Inhibitor	2
TOPO-2-Inhibitor	1
TNF-alpha-Inhibitor	2
Tissue-Thromboplastin-Inhibitor	1
Tineacide	1
Thymoprotective	1
Thermogenic	1
Teratologic	2
Sweetener	1

Activity	Chemical Count
Sunscreen	4
Spermicide	1
Sequestrant	1
Sedative	4
Secretagogue	2
Radioprotective	1
Quinone-Reductase-Inducer	2
PTK-Inhibitor	1
Psychotropic	1
Protisticide	3
Protein-Kinase-C-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	4
Prostaglandigenic	4
Prooxidant	2
Proliferant	1
Probiotigenic	1
Probiotic	1
Preservative	2
Prebiotic	1
Plasmodicide	1
Phytohormonal	1
Phytoalexin	2
Phospholipase-Inhibitor	1
Phospholipase-A2-Inhibitor	1
Phagocytotic	3
PGE2-Inhibitor	1
Pesticide	27

Activity	Chemical Count
Peristaltic	1
Perfumery	2
Parasympathomimetic	1
PAF-Inhibitor	2
P450-Inhibitor	1
P450-Inducer	1
Oviposition-Stimulant	2
Osteolytic	1
Ornithine-Decarboxylase-Inhibitor	5
NO-Synthase-Inhibitor	1
NO-Inhibitor	2
NO-Genic	1
NF-kB-Inhibitor	1
Neurotoxic	1
Neuroprotective	2
Nephrotoxic	1
NEP-Inhibitor	1
Nematostat	1
Natriuretic	1
NADH-Oxidase-Inhibitor	1
Myorelaxant	5
Myoprotective	1
Mutagenic	3
Musculotropic	1
Mucolytic	2
Mucogenic	1
MMP-9-Inhibitor	1

Activity	Chemical Count
Metalloproteinase-Inhibitor	1
Metal-Chelator (Copper)	1
Metal-Chelator	3
Memorigenic	1
Mast-Cell-Stabilizer	1
MAO-Inhibitor	3
MAO-A-Inhibitor	1
Lyase-Inhibitor	1
Lithogenic	1
Lipoxygenase-Inhibitor	6
Lipotropic	1
Lipolytic	1
Leukotriene-Inhibitor	2
Laxative	3
Larvostat	3
Keratolytic	1
Keratitogenic	1
Juvabional	3
JNK-Inhibitor	1
Irritant	1
Iodothyronine-Deiodinase-Inhibitor	1
Interferonogenic	2
Interferon-Synergist	1
Insulinogenic	1
Insectiphile	1
Insectifuge	5
Insecticide	1

Activity	Chemical Count
Inotropic	2
iNOS-Inhibitor	2
Immunosuppressant	4
Immunostimulant	8
Immunomodulator	2
Ileorelaxant	1
ICAM-1-Inhibitor	1
Hypothermic	1
Hypotensive	11
Hypolipidemic	1
Hypolipemic	1
Hypoglycemic	8
Hypocholesterolemic	6
Hydrocholerectic	1
HIV-RT-Inhibitor	2
Histamine-Inhibitor	2
Herbicide	2
Hepatotropic	2
Hepatotoxic	1
Hepatoprotective	13
Hepatomagenic	2
Hepatocarcinogenic	1
Hemostat	3
Hematopoietic	2
Glutathione-Depleting	1
Glucosyl-Transferase-Inhibitor	2
Gastrostimulant	1

Activity	Chemical Count
Gastroprotective	1
Fungitoxic	1
Fungistat	2
Fungicide	13
FPTase-Inhibitor	1
FLavor	4
Fistula-Preventive	1
Expectorant	2
Estrogenic?	1
Estrogenic	2
Emetic	1
DNA-Protective	1
DNA-Active	1
Diuretic	6
Differentiator	1
Diaphoretic?	2
Detoxicant	1
Dermatitigenic	1
Demulcent	1
Deiodinase-Inhibitor	1
Cytotoxic	7
Cytoprotective	2
Cytochrome-P450-1A2-Inhibitor	1
Cyclooxygenase-Inhibitor	4
Cyclooxygenase-Activator	1
COX-2-Inhibitor	5
COX-1-Inhibitor	1

Activity	Chemical Count
Counterirritant	1
Corticosterogenic	1
Corrosive	1
Copper-Chelator	2
COMT-Inhibitor	1
Comedolytic	1
Colorant	1
Collagenic	1
Collagen-Sparing	2
Cold-preventive	1
Co-carcinogenic	1
CNS-Stimulant	3
CNS-Paralytic	1
CNS-Depressant	2
CNS-Active	2
Clastogenic	2
Cholinergic	1
Choleretic	7
Cholagogue	5
Chemopreventive (Colon Cancer)	1
Chemopreventive (Breast Cancer)	1
Chemopreventive	6
Chelator	1
Cerebrotonic	1
Cathartic	2
Catabolic	2
Cardioprotective	3

Activity	Chemical Count
Cardiodepressant	1
Cardiac	2
Carcinogenic	5
Capillariprotective	2
Capillarigenic	2
Capillarifortificant	2
Candidicide	2
Cancer-Preventive	17
cAMP-Phosphodiesterase-Inhibitor	3
cAMP-Inhibitor	1
Calmodulin-Antagonist	1
Calcium-Antagonist	3
Bruchifuge	1
Bronchorelaxant	1
Bradycardiac	1
Bifidogenic	1
Beta-Glucuronidase-Inhibitor	1
Beta-Adrenergic Receptor Blocker	1
Bacteristat	1
Autotoxic	1
ATPase-Inhibitor	1
Ataractic	1
Astringent	1
Asthma-preventive	1
Ascaricide	1
Arteriodilator	1
Artemicide	1

Activity	Chemical Count
Aromatase-Inhibitor	1
Apoptotic	8
Aphidifuge	1
Anxiolytic	1
Antixerophthalmic	1
Antiwrinkle	1
Antiviral	14
Antivaricose	1
Antivaginitic	1
Antivaccinia	1
Antiurethrotic	1
Antiulcerogenic	1
Antiulcer	8
Antitympanitic	1
Antitussive	4
Antitumor-Promoter	8
Antitumor (Stomach)	1
Antitumor (Skin)	5
Antitumor (Prostate)	2
Antitumor (Ovary)	1
Antitumor (Mouth)	1
Antitumor (Lung)	3
Antitumor (Liver)	2
Antitumor (Gastric)	1
Antitumor (Forestomach)	2
Antitumor (Colon)	6
Antitumor (CNS)	1

Activity	Chemical Count
Antitumor (Breast)	2
Antitumor (Bladder)	1
Antitumor	15
Antitrypanosomic	2
Antithyroid	3
Antithrombogenic	1
Antithrombic	2
Antithiamin	2
Antisyndrome-X	1
Antisyncopic	1
Antisunburn	3
Antistress	2
Antistreptococcic	2
Antistomatitic	1
Antisteatotic	1
Antistaphylococcic	4
AntiSpina-Bifida	2
Antispasmodic	9
Antisickling	2
Antishingles	1
Antishigellic	1
Antiserotonin	2
Antiseptic	12
Antiseborrheic	1
Antiscorbutic	1
Antisalmonella	1
Antirhinitic	1

Activity	Chemical Count
Antirheumatic	6
Antiretinotic	1
Antiretinopathic	1
Antirenitic	1
AntiRaynaud's	1
Antiradicular	15
Antipyretic	3
Antipurpuric	1
Antipsychotic	3
Antipsoriac	3
Antipruritic	1
Antiprotozoal	1
Antiprostatotic	1
Antiprostatitic	1
Antiprostanoid	1
Antiprostaglandin	3
Antiproliferant	6
Antiporphyrin	1
Antipolyp	1
Antipoliomyelitic	1
Antipolio	2
Antipodriac	2
Antipodagric	1
Antipneumonic	1
AntiPMS	2
Antiplatelet	1
Antiplasmodial	2

Activity	Chemical Count
Antiplateque	4
Antipityriasic	1
Antiphotophobic	1
Antipharyngitic	1
Antiperoxynitrite	1
Antiperoxidant	7
Antipermeability	1
Antiperistaltic	1
Antiperiodontitic	2
Antiperiodontic	1
Antiperiodontal	2
Antiperiodic	1
Antiparotitic	1
Antiparkinsonian	1
Antipapillomic	1
Antipancreatitic	1
Antiozenic	1
Antioxidant	18
Antioxalate	1
Antiotitic	1
Antiosteoporotic?	1
Antiosteoporotic	1
Antiosteoarthritic	1
Antiorchitic	1
Antiophidic	3
Antioncychomycotic	1
Antiodontalgic	1

Activity	Chemical Count
Antiobesity?	1
Antiobesity	2
Antinociceptive	5
Antinitrosic	1
Antinitrosaminic	4
Antineuropathic	2
Antineuramidase	1
Antineuralgic	1
Antinephritic	2
Antineoplastic	1
Antimyocarditic	1
Antimyelotoxic	2
Antimutagenic	13
Antimitotic	1
Antimigraine	1
Antimetastatic	3
Antimetaplastic	1
Antimenopausal	1
Antimeningitic	1
Antimelanomic	3
Antimelanogenic	3
Antimeasles	1
Antimastitic	1
Antimanic	1
Antimalarial	4
Antimaculitic	2
Antilymphocytic	1

Activity	Chemical Count
AntiLyme	1
Antilupus	1
Antilithic	3
Antilipoperoxidant	2
Antilipolytic	1
Antileukotrienogenic	1
Antileukotriene	3
Antileukoplakic	1
Antileukemic	7
Antileptic	1
Antileishmanic	1
AntiLegionella	3
Antiischemic	4
Antiinflammatory	21
Antiinfertility	2
Antiimplantation	2
Antiichthyotic	1
Antiichthyosic	1
Antihyperthyroid	2
Antihypertensive	4
Antihyperkeratotic	1
Antihyperglycemic	1
Antihypercholesterolemic	2
Antihydrophobic	1
Antihomocysteine	1
AntiHIV	6
Antihistaminic	7

Activity	Chemical Count
Antiherpetic	8
Antihepatotoxic	12
Antihepatotic	1
Antihepatoadenomic	1
Antihepatitic	1
Antihemorrhoidal	1
Antihemorrhagic	1
Antihemolytic	2
Antihematuric	1
Antihangover	1
AntiGTF	1
Antigout	1
Antigonadotropic	3
Antiglossitic	2
Antiglaucomic	2
Antigingivitic	4
Antigenotoxic	1
Antigastritic	2
Antigastric	1
Antigallstone	2
Antiflu	5
Antifibrotic	1
Antifibrosarcomic	1
Antifertility	1
Antifeedant	5
Antifatigue	2
Antiestrogenic	2

Activity	Chemical Count
Antiescherichic	3
Antierythemic	1
Antienteritic	1
Antiendometriotic	1
Antiencephalitic	2
Antielastase	3
Antiedemic	8
Antieczemic	2
AntiEBV	2
Antidysmenorrheic	1
Antidyskinetic	1
Antidysenteric	1
Antidote (Paraquat)	1
Antidote (Lead)	1
Antidote (Cadmium)	1
Antidote (Aluminum)	1
Antidiarrheic	3
Antidiabetic	7
Antidermatotic	1
Antidermatitic	3
Antidepressant	5
Antidementia	4
Antidecubitic	1
Antidandruff	1
Anticystitic	1
Anticystinuric	1
AntiCVI	1

Activity	Chemical Count
AntiCTS	1
AntiCrohn's	2
Anticoronary	2
Anticonvulsant	1
Anticomplementary	1
Anticolitic?	1
Anticolitic	1
Anticold	1
Anticlimacteric	1
Anticlastogen	2
Anticirrhotic	1
Antichoreic	1
Anticholinergic	1
Anticheilitic	2
AntiCFS	1
Anticervicaldysplasic	4
Anticataract	3
Anticariogenic	2
Anticarcinomic (Breast)	1
Anticarcinomic	3
Anticarcinogenic	3
Anticapillary-Fragility	2
Anticancer (Skin)	2
Anticancer (Liver)	2
Anticancer (Forestomach)	2
Anticancer (Colon)	2
Anticancer	9

Activity	Chemical Count
Antibronchoconstrictor	1
Antibacterial	22
Antibacillus	1
Antiatherosclerotic	4
Antiatheromic	1
Antiatherogenic	3
Antiasthmatic	5
Antiarthritic	5
Antiarrhythmic	3
Antiapoplectic	1
Antiangiogenic	2
Antianemic	2
Antianaphylactic	2
Antialzheimeran	3
Antiallergic	5
Antiaging	5
Antiaggregant	6
AntiAGE	1
Antiaflatoxin	3
Antiadrenergic	1
Antiadenoviral	1
Antiacne	1
Anthelmintic	3
Ant-Repellent	1
Angiotensin-Receptor-Blocker	1
Anesthetic	2
Androgenic?	1

Activity	Chemical Count
Analgesic	10
Alpha-Glucosidase-Inhibitor	1
Allergenic	6
Allelopathic	2
Allelochemic	4
Aldose-Reductase-Inhibitor	13
Aldehyde-Oxidase-Inhibitor	2
Alcohol-Dehydrogenase-Inhibitor	1
Additive	1
Acidulant	3
Acaricide	1
5-Lipoxygenase-Inhibitor	2
5-HT-Inhibitor	1
11B-HSD-Inhibitor	2