

**Dr. Duke's Phytochemical and Ethnobotanical Databases****Biological Activities found in *Monarda didyma***

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	1
ABeta-Inhibitor	1
Acaricide	5
ACE-Inhibitor	4
AChE-Inhibitor	2
Adenylate-Cyclase-Inhibitor	1
Aldose-Reductase-Inhibitor	7
Allelochemic	4
Allelopathic	3
Allergenic	9
Allergenic?	1
Analgesic	5
Ancylostomicide	1
Androgenic	1
Anesthetic	4
Angiogenic	1
Ankylostomacide	1
Anorexic	1
Anthelmintic	4
Antiacetylcholine	1
Antiacetylcholinesterase	8
Antiacne	3
Antiadenomic	2
Antiaflatoxin	1
Antiaggregant	3

Activity	Chemical Count
Antiallergic	2
Antialzheimeran	3
Antialzheimeran?	4
Antiamnesic	1
AntiAmyloid-Beta	1
Antianaphylactic	1
Antiandrogenic	1
Antiarrhythmic	1
Antiartritic	2
Antiasthmatic	1
Antiatherosclerotic	3
Antibacillary	1
Antibacterial	19
Antibronchitic	3
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Lung)	1
Anticancer (Pancreas)	1
Anticarcinomic	1
Anticariogenic	5
Anticatarrh	1
Anticholestatic	1
Anticholinesterase	3
Anticholinesterase?	1
Anticoagulant	1

Activity	Chemical Count
Anticomplement	1
Anticomplementary	1
Anticonvulsant	1
Antidepressant	1
Antidiabetic	1
Antidiuretic	1
AntiEBV	1
Antiedemic	3
Antiescherichic	3
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	1
Antifeedant	7
Antifertility	1
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	3
Antigonadotrophic	1
Antigonadotropic	1
Antihalitosis	2
Antihelicobacter	1
Antihemolytic	1
Antihepatotoxic	3
Antiherpetic	3
Antihistaminic	2
AntiHIV	3
Antihyperlipidemic	1

Activity	Chemical Count
Antihyperlipoproteinaemic	1
Antihyperthyroid	1
Antiinflammatory	13
Antiintegrase	1
Antilaryngitic	1
Antileishmanic	1
Antileptic	1
Antileukemic	3
Antileukotriene	1
Antilipoperoxidant	1
Antilithic	1
Antilithic?	1
Antilymphomic	3
Antimalarial	1
Antimelanomic	3
Antimetastatic	1
Antimetastatic (Stomach)	1
Antimutagenic	6
Antinephritic	2
Antineuritic	1
Antinitrosaminic	3
Antinociceptive	2
Antiobesity	1
Antiobesity?	1
Antiophidic	1
Antiotitic	1
Antioxidant	12

Activity	Chemical Count
Antioxidant (LDL)	3
Antiperiodontic	1
Antiperistaltic	1
Antiperoxidant	1
Antiperoxidative	1
Antipharyngitic	1
Antiplateau	4
Antiplasmodial	1
Antipneumonic	1
Antiprogestational	1
Antiproliferant	2
Antiproliferative	1
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatitic	1
Antiproteolytic	1
Antipulmonotic	1
Antipyretic	3
Antiradicular	5
Antirheumatalgic	1
Antirheumatic	2
Antirhinitic	1
Antisalmonella	3
Antiseptic	9
Antishock	1
Antisindhis	1
Antisinusitic	1

Activity	Chemical Count
Antispasmodic	13
Antistaphylococcic	7
Antistreptococcic	2
AntiTGF-beta	1
Antithromboxane	1
Antithyreotropic	1
Antithyroid	1
Antitrichinosic	1
Antitrypanosomic	1
Antitubercular	1
Antitumor	4
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (Cervix)	2
Antitumor (Colon)	2
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	1
Antitumor (Stomach)	2
Antitumor-Promoter	2
Antitussive	3
Antiulcer	4
Antiuremic	1
Antiviral	8
Antiyeast	1
Anxiolytic	1

Activity	Chemical Count
Aphidifuge	1
Apoptotic	3
Aromatase-Inhibitor	2
Artemicide	1
Ascaricide	1
Ataxigenic	1
Avifuge	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bronchoprotectant	1
Calcium-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	8
Candidicide	10
Candidistat	1
Carcinogenic	1
Cardioprotective	1
Cardiotonic	1
Carminative	2
Caspase-8-Inducer	1
Cerebrotoxic	1
Chemopreventive	2
Choleretic	4
Cholesterolytic	1
Cicatrizant	1
CNS-Depressant	1
CNS-Stimulant	3

Activity	Chemical Count
CNS-Toxic	1
Coleoptophile	1
Convulsant	1
Counterirritant	2
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Culicide	1
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1
Cytotoxic	2
Decarboxylase-Inhibitor	1
Decongestant	1
Degranulant	1
Deiodinase-Inhibitor	1
Dentifrice	2
Deodorant	2
Dermatitigenic	2
Detoxicant	1
Diuretic	1
Edemagenic	1
Elastase-Inhibitor	1
Embryotoxic	2
Emetic	1
Encephalopathic	1
Enterocontractant	1
Enterorelaxant	2



Activity	Chemical Count
Enterotoxic	1
Estrogenic	2
Expectorant	8
Febrifuge	1
FLavor	22
Fungicide	11
Fungiphilic	1
Fungistat	2
Gastroirritant	1
Gastroprotective	1
Glutathionalytic	1
Gonadotrophic	1
Gram(+)icide	2
Gram(-)icide	2
GST-Inducer	1
Hallucinogenic	1
Hepatoprotective	4
Hepatotonic	1
Hepatotoxic	1
Herbicide	8
Histaminic	1
Hypocholesterolemic	2
Hypocholesterolemic?	1
Hypoglycemic	3
Hypolipemic	1
Hypolipidemic	1
Hypotensive	2

Activity	Chemical Count
Hypothermic	1
Immunomodulator	3
Immunostimulant	1
Inflammatory	1
Inhalant	1
Insect-Repellent	1
Insecticide	7
Insectifuge	16
Insectiphile	3
Interleukin-6-Inhibitor	2
Irritant	11
Larvicide	1
Laxative	1
Leucocytogenic	1
Lipolytic	1
Lipoxygenase-Inhibitor	2
MMP-9-Inhibitor	1
Molluscicide	1
Mosquitofuge	1
Motor-Depressant	2
Mycobactericide	1
Myorelaxant	6
Nematicide	7
Nephrotoxic	1
Neuroprotective	2
Neurotoxic	2
NO-Genic	1

Activity	Chemical Count
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	3
P450-Inducer	2
P450-Inhibitor	1
Pediculicide	1
Perfume	1
Perfumery	16
Peristaltic	1
Pesticide	25
Pheromone	1
Photosensitizer	1
Pigment	1
Piscicide	1
Potassium-Sparing	1
Prostaglandin-Inhibitor	1
Protease-Inhibitor	1
Protisticide	1
Pulifuge	1
Pulmonotoxic	1
Purgative	1
Quinone-Reductase-Inducer	1
Radioprotective	1
Rubefacient	1
Secretagogue	1
Sedative	12

Activity	Chemical Count
Serotonin-Inhibitor	1
Sodium-Sparing	1
Spasmogenic	5
Spermicide	1
Sprout-Inhibitor	1
Surfactant	1
Teratogenic	1
Termiticide	1
Testosterone-Hydroxylase-Inducer	1
TNF-alpha-Inhibitor	1
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Tracheorelaxant	2
Tranquilizer	2
Transdermal	5
Trichomonicide	5
Trypanocide	1
Ubiquit	1
Ulcerogenic	1
Urinary-Antiseptic	1
Uterotrophic	1
Varroacide	1
Vasopressor	1
Vermicide	1
Vermifuge	1
Vulnerary	1