

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Marrubium vulgare

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	6
Vulnerary	3
VEGF-Inhibitor	3
Vasopressor	1
Vasodilator	4
Uterotrophic	1
Urinary-Acidulant	1
Uricosuric	1
Ulcerogenic	1
Ubiquit	1
Tyrosine-Kinase-Inhibitor	1
Tyrosinase-Inhibitor	1
Tumorigenic	2
Trypanocide	1
Trichomonicide	1
Transdermal	3
Tranquilizer	1
Topoisomerase-II-Inhibitor	3
Topoisomerase-I-Inhibitor	4
TOPO-2-Inhibitor	1
TNF-alpha-Inhibitor	4
Thyroid-Peroxidase-Inhibitor	1
Teratologic	1
Systolic-Depressant	1
Sweetener	1
Sunscreen	3
Succinoxidase-Inhibitor	1

Activity	Chemical Count
Styptic	1
Spermicide	1
Spasmogenic	3
Sodium-Sparing	1
Sedative	5
Secretagogue	1
Radioprotective	2
Quinone-Reductase-Inducer	3
PTK-Inhibitor	3
Psychotropic	1
Protisticide	1
Protein-Kinase-C-Inhibitor	3
Protease-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandigenic	1
Prooxidant	1
Proliferant	2
Progestational	1
Potassium-Sparing	1
Polyamine-Synthesis-Inhibitor	1
Plasmodicide	1
PKC-Inhibitor	1
Piscicide	1
Photosensitizer	1
Phospholipase-Inhibitor	1
PGE2-Inhibitor	1

Activity	Chemical Count
Pesticide	20
Peristaltic	2
Perfumery	4
Parasympathomimetic	1
P450-Inhibitor	1
P450-Inducer	2
P450-2B1-Inhibitor	1
P21-Inducer	1
Ozone-Scavenger	1
Oxytotic?	1
Oviposition-Stimulant	2
Ornithine-Decarboxylase-Inhibitor	7
Nodulation-Signal	2
NO-Synthase-Inhibitor	2
NO-Inhibitor	3
NO-Genic	2
NF-kB-Inhibitor	3
Neuroprotective	1
Nephrotoxic	1
NEP-Inhibitor	2
Nematicide	1
NADH-Oxidase-Inhibitor	2
Myorelaxant	4
Mutagenic	2
Musculotropic	1
Mucolytic	1
MMP-9-Inhibitor	3

Activity	Chemical Count
Metalloproteinase-Inhibitor	2
Metal-Chelator (Copper)	1
Metal-Chelator	2
Memorigenic	1
Mast-Cell-Stabilizer	1
MAPK-Inhibitor	2
MAO-Inhibitor	2
MAO-A-Inhibitor	1
Lyase-Inhibitor	1
Lithogenic	1
Lipoxygenase-Inhibitor	6
Lipotropic	1
Lipolytic	1
Leukotriene-Inhibitor	2
Leucocytogenic	1
Laxative	1
Larvostat	2
Lactagogue	1
Juvabional	2
Irritant	4
Iodothyronine-Deiodinase-Inhibitor	1
Interleukin-6-Inhibitor	2
Interferonogenic	2
Insulinogenic	1
Insulin-Sparing	1
Insectiphile	2
Insectifuge	8

Activity	Chemical Count
Insecticide	2
Inotropic	2
iNOS-Inhibitor	3
Immunosuppressant	2
Immunostimulant	5
Immunomodulator	5
Ileorelaxant	1
IKK-Inhibitor	2
ICAM-1-Inhibitor	2
Hypotensive	6
Hypolipidemic	1
Hypoglycemic	6
Hypocholesterolemic?	1
Hypocholesterolemic	7
Hyaluronidase-Inhibitor	2
HIV-RT-Inhibitor	1
Histaminic	1
Histamine-Inhibitor	2
HIF-1alpha-Inhibitor	1
Herbicide	4
Hepatotropic	1
Hepatotoxic	1
Hepatoprotective	9
Hepatomagenic	1
Hepatocarcinogenic	1
Hemostat	5
GST-Inducer	1

Activity	Chemical Count
Gram(-)icide	1
Gram(+)icide	1
Gonadotrophic	1
Goitrogenic	1
Glucosyl-Transferase-Inhibitor	2
Fungistat	1
Fungiphilic	1
Fungicide	6
Floral-Inhibitor	1
FLavor	6
Fistula-Preventive	1
Febrifuge	1
Expectorant	4
Estrogenic	4
Enterocontractant	1
Emmenagogue	1
Emetic	1
Elastase-Inhibitor	1
DNA-Protective	2
DNA-Active	1
Diuretic	7
Differentiator	3
Diaphoretic?	1
Diaphoretic	1
Detoxicant	3
Demulcent	2
Deiodinase-Inhibitor	3

Activity	Chemical Count
Cytotoxic	7
Cytoprotective	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-1A1-Inhibitor	1
Cyclooxygenase-Inhibitor	5
Cyclin-D1-Inhibitor	1
Cyclin-B1-Inhibitor	1
COX-2-Inhibitor	4
COX-1-Inhibitor	1
Copper-Chelator	1
COMT-Inhibitor	1
Collagenic	1
Collagen-Sparing	2
Coleoptophile	1
Cold-preventive	1
Co-carcinogenic	1
CNS-Stimulant	1
CNS-Depressant	2
CNS-Active	2
Clastogenic	2
Cholinergic	1
Cholesterolytic	1
Choleretic	8
Cholagogue	2
Chemopreventive	5
Chelator	1
Cerebrotonic	1

Activity	Chemical Count
Catabolic	1
Caspase-8-Inducer	1
Cardiotonic	2
Cardioprotective	3
Cardiodepressant	1
Cardioactive	1
Carcinogenic	4
Capillariprotective	1
Capillarigenic	1
Candidistat	1
Candidicide	6
Cancer-Preventive	18
cAMP-Phosphodiesterase-Inhibitor	2
Calmodulin-Antagonist	1
Calcium-Antagonist?	1
Calcium-Antagonist	4
Bronchoprotectant	1
Bronchodilator	1
Bradycardiac	1
Bitter	1
Beta-Glucuronidase-Inhibitor	4
Beta-Blocker	1
Beta-Adrenergic Receptor Blocker	1
Bacteristat	2
Autotoxic	1
ATPase-Inhibitor	1
Astringent	2

Activity	Chemical Count
Asthma-preventive	1
Artemicide	1
Arrhythmigenic	1
Aromatase-Inhibitor	3
Apoptotic	9
Aphidifuge	2
Anxiolytic	2
Antiviral	16
Antivaccinia	1
Antiulcerogenic	1
Antiulcer	8
Antitussive	2
Antitumor-Promoter	7
Antitumor (Thyroid)	1
Antitumor (Stomach)	3
Antitumor (Skin)	5
Antitumor (Prostate)	2
Antitumor (Pancreas)	2
Antitumor (Ovary)	4
Antitumor (Lung)	7
Antitumor (Liver)	1
Antitumor (Kidney)	1
Antitumor (Gastric)	1
Antitumor (Forestomach)	1
Antitumor (Colon)	6
Antitumor (Cervix)	3
Antitumor (Breast)	5

Activity	Chemical Count
Antitumor (brain)	2
Antitumor (Bladder)	1
Antitumor	10
Antitrypanosomic	2
Antitonsilitic	1
Antithyroid	4
Antithromboxane	1
Antithrombic	1
Antithiamin	2
AntiTGF-beta	1
Antisyndrome-X	1
Antisunburn	2
Antistress	2
Antistreptococcic	1
Antistomatitic	2
Antisteatotic	1
Antistaphylococcic	4
Antispasmodic	9
Antishingles	1
Antiserotonic	1
Antiseptic	9
Antiscorbutic	1
Antirhinoviral	1
Antirhinitic	2
Antirheumatic	1
Antirheumatalgic	1
Antiretroviral	1

Activity	Chemical Count
Antiretinotic	1
Antirenitic	1
AntiRaynaud's	1
Antiradicular	7
Antipyretic	2
Antipsoriac	1
Antiproteolytic	1
Antiprostatotic	1
Antiprostatitic	2
Antiprostataadenomic	1
Antiprostanoid	1
Antiprostaglandin	2
Antiproliferative	1
Antiproliferant	6
Antiprogestational	1
Antipoliomyelitic	1
Antipolio	5
Antipodriac	2
Antipneumonic	2
AntiPMS	1
Antiplasmodial	2
Antiplateque	1
Antipharyngitic	2
Antiperoxidant	5
Antipermeability	1
Antiperistaltic	2
Antiperiodontitic	2

Activity	Chemical Count
Antiperiodontal	1
Antiparotitic	1
Antiparkinsonian	1
Antipancreatic	1
Antioxidant	15
Antiosteoporotic	1
Antiosteoarthritic	1
Antiorchitic	1
Antiophidic	4
Antiobesity?	1
Antiobesity	4
Antinociceptive	5
Antinitrosic	1
Antinitrosaminic	5
Antineuramidase	1
Antinephritic	2
Antimyocarditic	1
Antimutagenic	15
AntiMRSA	1
Antimigraine	1
Antimetastatic (Stomach)	1
Antimetastatic	4
Antimenopausal	1
Antimelanomic	3
Antimelanogenic	2
Antimeasles	1
Antimanic	1

Activity	Chemical Count
Antimalarial	2
Antimaculitic	1
Antilymphomic	4
AntiLyme	1
Antilithic?	1
Antilithic	3
Antilipoperoxidant	1
Antilipolytic	1
Antileukotriene	3
Antileukemic	6
Antileptic	1
Antileishmanic	3
AntiLegionella	2
Antiinflammatory	17
Antiinfertility	1
Antihyperthyroid	2
Antihypertensive	3
Antihyperlipoproteinaemic	1
Antihyperlipidemic	1
Antihypercholesterolemic	2
Antihydrophobic	1
Antihomocysteine	1
AntiHIV	9
Antihistaminic	8
Antiherpetic	8
Antihepatotoxic	7
Antihepatomic	1

Activity	Chemical Count
Antihepatoadenomic	1
Antihepatic	1
Antihemorrhoidal	1
Antihemorrhagic	1
Antihemolytic	2
Antihelicobacter	1
Antihangover	1
AntiGTF	1
Antigonadotropic	3
Antigonadotrophic	1
Antigliomic	1
Antiglaucomic	1
Antigingivitic	2
Antigenotoxic	1
Antigastritic	2
Antigastric	1
Antigargantitic	1
Antigallstone	2
Antiflu	6
Antifibrotic	1
Antifibrosarcomic	2
Antifibrinolytic	1
Antifertility	1
Antifeedant	8
Antifatigue	1
Antiestrogenic	4
Antiesophagitic	1

Activity	Chemical Count
Antiescherichic	4
Antienteritic	2
Antiendometriotic	1
Antiencephalitic	3
Antielastase	3
Antiedemic	4
Antieczemic	1
AntiEBV	2
Antidyskinetic	1
Antidysenteric	2
Antidote (Paraquat)	1
Antidote (Lead)	1
Antidote (Cadmium)	1
Antidote (Aluminum)	1
Antidote	1
Antidiarrheic	3
Antidiabetic	6
Antidermatotic	1
Antidermatitic	3
Antidermatic	1
Antidepressant	3
Antidementia	2
Antidecubitic	2
Anticystitic	1
Anticystinuric	1
AntiCTS	1
AntiCrohn's	2

Activity	Chemical Count
Anticomplementary	5
Anticomplement	1
Anticolitic	2
Anticold	1
Anticlimacteric	1
Anticirrhotic	1
Antichoreic	1
Anticholestatic	1
AntiCFS	1
Anticervicaldysplasic	1
Anticataract	3
Anticariogenic	4
Anticarcinomic (Breast)	1
Anticarcinomic	4
Anticarcinogenic	3
Anticancer (Skin)	1
Anticancer (Prostate)	1
Anticancer (Lung)	2
Anticancer (Liver)	1
Anticancer (Forestomach)	1
Anticancer (Colon)	2
Anticancer (Cervix)	2
Anticancer (Breast)	1
Anticancer	7
Antibronchitic	1
Antibradiquinic	1
Antibacterial	19

Activity	Chemical Count
Antibacillary	1
Antiatherosclerotic	3
Antiatheromic	1
Antiatherogenic	2
Antiasthmatic	4
Antiarthritic	3
Antiarrhythmic	4
Antiangiogenic	5
Antiandrogenic	1
Antianaphylactic	2
Antianacarditic	1
Antialzheimeran?	1
Antialzheimeran	4
Antiallergic	4
Antiallergenic	1
Antiaging	4
Antiaggregant	4
AntiAGE	1
Antiaflatoxin	2
Antiadenovirus	1
Antiadenoviral	1
Antiadenomic	2
AntiADD	1
Antiacne	1
Antiacetylcholinesterase	2
Anthelmintic	1
Anorexic	1

Activity	Chemical Count
Angiotensin-Receptor-Blocker	1
Angiogenic	1
Androgenic	1
Analgesic	7
Allergenic	7
Allelopathic	2
Allelochemic	4
Aldose-Reductase-Inhibitor	11
Aldehyde-Oxidase-Inhibitor	1
Acidulant	1
AChE-Inhibitor	1
ACE-Inhibitor	4
Acaricide	1
5-Lipoxygenase-Inhibitor	1
11B-HSD-Inhibitor	2