

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

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	1
Acaricide	1
ACE-Inhibitor	4
AChE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	11
Allelochemic	4
Allelopathic	2
Allergenic	7
Analgesic	7
Androgenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	1
Anthelmintic	1
Antiacetylcholinesterase	2
Antiacne	1
AntiADD	1
Antiadenomic	2
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	4
Antiaging	4

Activity	Chemical Count
Antiallergenic	1
Antiallergic	4
Antialzheimeran	4
Antialzheimeran?	1
Antianacarditic	1
Antianaphylactic	2
Antiandrogenic	1
Antiangiogenic	5
Antiarrhythmic	4
Antiarthritic	3
Antiasthmatic	4
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	3
Antibacillary	1
Antibacterial	19
Antibradiquinic	1
Antibronchitic	1
Anticancer	7
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	2
Anticancer (Prostate)	1
Anticancer (Skin)	1

Activity	Chemical Count
Anticarcinogenic	3
Anticarcinomic	4
Anticarcinomic (Breast)	1
Anticariogenic	4
Anticataract	3
Anticervicaldysplastic	1
AntiCFS	1
Anticholestatic	1
Antichoreic	1
Anticirrhotic	1
Anticlimacteric	1
Anticold	1
Anticolitic	2
Anticomplement	1
Anticomplementary	5
AntiCrohn's	2
AntiCTS	1
Anticystinuric	1
Anticystitic	1
Antidecubitic	2
Antidementia	2
Antidepressant	3
Antidermatic	1
Antidermatitic	3
Antidermatotic	1
Antidiabetic	6
Antidiarrheic	3

Activity	Chemical Count
Antidote	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidyskinetic	1
AntiEBV	2
Antieczemic	1
Antiedemic	4
Antielastase	3
Antiencephalitic	3
Antiendometriotic	1
Antienteritic	2
Antiescherichic	4
Antiesophagitic	1
Antiestrogenic	4
Antifatigue	1
Antifeedant	8
Antifertility	1
Antifibrinolytic	1
Antifibrosarcomic	2
Antifibrotic	1
Antiflu	6
Antigallstone	2
Antigargantitic	1
Antigastric	1

Activity	Chemical Count
Antigastritic	2
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	1
Antigliomic	1
Antigonadotrophic	1
Antigonadotropic	3
AntiGTF	1
Antihangover	1
Antihelicobacter	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatomic	1
Antihepatotoxic	7
Antitherpetic	8
Antihistaminic	8
AntiHIV	9
Antihomocysteine	1
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	3
Antihyperthyroid	2

Activity	Chemical Count
Antiinfertility	1
Antiinflammatory	17
AntiLegionella	2
Antileishmanic	3
Antileptic	1
Antileukemic	6
Antileukotriene	3
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	3
Antilithic?	1
AntiLyme	1
Antilymphomic	4
Antimaculitic	1
Antimalarial	2
Antimanic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	3
Antimenopausal	1
Antimetastatic	4
Antimetastatic (Stomach)	1
Antimigraine	1
AntiMRSA	1
Antimutagenic	15
Antimyocarditic	1
Antinephritic	2

Activity	Chemical Count
Antineuramidase	1
Antinitrosaminic	5
Antinitrosic	1
Antinociceptive	5
Antiobesity	4
Antiobesity?	1
Antiophidic	4
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	1
Antioxidant	15
Antipancreatic	1
Antiparkinsonian	1
Antiparotitic	1
Antiperiodontal	1
Antiperiodontitic	2
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	5
Antipharyngitic	2
Antiplaque	1
Antiplasmodial	2
AntiPMS	1
Antipneumonic	2
Antipodriac	2
Antipolio	5
Antipoliomyelitic	1

Activity	Chemical Count
Antiprogestational	1
Antiproliferant	6
Antiproliferative	1
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	2
Antiprostatotic	1
Antiproteolytic	1
Antipsoriac	1
Antipyretic	2
Antiradicular	7
AntiRaynaud's	1
Antirenitic	1
Antiretinotic	1
Antiretroviral	1
Antirheumatalgic	1
Antirheumatic	1
Antirhinitic	2
Antirhinoviral	1
Antiscorbutic	1
Antiseptic	9
Antiserotoninic	1
Antishingles	1
Antispasmodic	9
Antistaphylococcic	4
Antisteatotic	1

Activity	Chemical Count
Antistomatitic	2
Antistreptococcic	1
Antistress	2
Antisunburn	2
Antisyndrome-X	1
AntiTGF-beta	1
Antithiamin	2
Antithrombic	1
Antithromboxane	1
Antithyroid	4
Antitonsilitic	1
Antitrypanosomic	2
Antitumor	10
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	5
Antitumor (Cervix)	3
Antitumor (Colon)	6
Antitumor (Foreestomach)	1
Antitumor (Gastric)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	7
Antitumor (Ovary)	4
Antitumor (Pancreas)	2
Antitumor (Prostate)	2
Antitumor (Skin)	5

Activity	Chemical Count
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	7
Antitussive	2
Antiulcer	8
Antiulcerogenic	1
Antivaccinia	1
Antiviral	16
Anxiolytic	2
Aphidifuge	2
Apoptotic	9
Aromatase-Inhibitor	3
Arrhythmigenic	1
Artemicide	1
Asthma-preventive	1
Astringent	2
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	4
Bitter	1
Bradycardiac	1
Bronchodilator	1
Bronchoprotectant	1
Calcium-Antagonist	4

Activity	Chemical Count
Calcium-Antagonist?	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	18
Candidicide	6
Candidistat	1
Capillarigenic	1
Capillariprotective	1
Carcinogenic	4
Cardioactive	1
Cardiodepressant	1
Cardioprotective	3
Cardiotonic	2
Caspase-8-Inducer	1
Catabolic	1
Cerebrotonic	1
Chelator	1
Chemopreventive	5
Cholagogue	2
Choleretic	8
Cholesterolytic	1
Cholinergic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	2
CNS-Stimulant	1
Co-carcinogenic	1

Activity	Chemical Count
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	1
COMT-Inhibitor	1
Copper-Chelator	1
COX-1-Inhibitor	1
COX-2-Inhibitor	4
Cyclin-B1-Inhibitor	1
Cyclin-D1-Inhibitor	1
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	7
Deiodinase-Inhibitor	3
Demulcent	2
Detoxicant	3
Diaphoretic	1
Diaphoretic?	1
Differentiator	3
Diuretic	7
DNA-Active	1
DNA-Protective	2
Elastase-Inhibitor	1
Emetic	1
Emmenagogue	1

Activity	Chemical Count
Enterocontractant	1
Estrogenic	4
Expectorant	4
Febrifuge	1
Fistula-Preventive	1
FLavor	6
Floral-Inhibitor	1
Fungicide	6
Fungiphilic	1
Fungistat	1
Glucosyl-Transferase-Inhibitor	2
Goitrogenic	1
Gonadotrophic	1
Gram(+)icide	1
Gram(-)icide	1
GST-Inducer	1
Hemostat	5
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	9
Hepatotoxic	1
Hepatotropic	1
Herbicide	4
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	1
HIV-RT-Inhibitor	1

Activity	Chemical Count
Hyaluronidase-Inhibitor	2
Hypocholesterolemic	7
Hypocholesterolemic?	1
Hypoglycemic	6
Hypolipidemic	1
Hypotensive	6
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Ileorelaxant	1
Immunomodulator	5
Immunostimulant	5
Immunosuppressant	2
iNOS-Inhibitor	3
Inotropic	2
Insecticide	2
Insectifuge	8
Insectiphile	2
Insulin-Sparing	1
Insulinogenic	1
Interferonogenic	2
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	4
Juvabional	2
Lactagogue	1
Larvostat	2
Laxative	1

Activity	Chemical Count
Leucocytogenic	1
Leukotriene-Inhibitor	2
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	6
Lithogenic	1
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
MAPK-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
MMP-9-Inhibitor	3
Mucolytic	1
Musculotropic	1
Mutagenic	2
Myorelaxant	4
NADH-Oxidase-Inhibitor	2
Nematicide	1
NEP-Inhibitor	2
Nephrotoxic	1
Neuroprotective	1
NF-kB-Inhibitor	3
NO-Genic	2

Activity	Chemical Count
NO-Inhibitor	3
NO-Synthase-Inhibitor	2
Nodulation-Signal	2
Ornithine-Decarboxylase-Inhibitor	7
Oviposition-Stimulant	2
Oxytocic?	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	1
P450-Inducer	2
P450-Inhibitor	1
Parasympathomimetic	1
Perfumery	4
Peristaltic	2
Pesticide	20
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Photosensitizer	1
Piscicide	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Progestational	1
Proliferant	2
Prooxidant	1
Prostaglandigenic	1

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	3
Protisticide	1
Psychotropic	1
PTK-Inhibitor	3
Quinone-Reductase-Inducer	3
Radioprotective	2
Secretagogue	1
Sedative	5
Sodium-Sparing	1
Spasmogenic	3
Spermicide	1
Styptic	1
Succinoxidase-Inhibitor	1
Sunscreen	3
Sweetener	1
Systolic-Depressant	1
Teratologic	1
Thyroid-Peroxidase-Inhibitor	1
TNF-alpha-Inhibitor	4
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	3
Tranquilizer	1
Transdermal	3

Activity	Chemical Count
Trichomonocide	1
Trypanocide	1
Tumorigenic	2
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ubiquitin	1
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterotrophic	1
Vasodilator	4
Vasopressor	1
VEGF-Inhibitor	3
Vulnerary	3
Xanthine-Oxidase-Inhibitor	6