

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Mentha arvensis* var. *piperascens***

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
ABeta-Inhibitor	1
Abortifacient	1
Acaricide	8
ACE-Inhibitor	3
AChE-Inhibitor	2
Acidulant	1
Adenylate-Cyclase-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	2
Allelopathic	4
Allergenic	11
Analgesic	9
Anesthetic	5
Angiotensin-Receptor-Blocker	1
Anthelmintic	4
Anti-LDL	1

Activity	Chemical Count
Antiacetylcholinesterase	21
Antiacne	3
Antiacrodermatitic	1
Antiadenomic	1
Antiaggregant	5
Antiakathisic	1
Antialcoholic	3
Antiallergenic	1
Antiallergic	8
Antialopepic	1
Antialzheimeran	2
Antialzheimeran?	3
Antianaphylactic	2
Antianemic	3
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiarachidonate	1

Activity	Chemical Count
Antiarrhythmic	3
Antiarthritic	5
Antiasthmatic	5
Antiatherogenic	1
Antiatherosclerotic	3
Antibacillary	2
Antibacillus	1
Antibacterial	18
AntiBPH	1
Antibradykinic	1
Antibronchitic	3
Anticancer	2
Anticanker	2
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic	1
Anticariogenic	5
Anticataract	2
Anticatarrh	2
Anticephalagic	1

Activity	Chemical Count
AntiCFS	1
Anticheilitic	1
Anticholinesterase	4
Anticlimacteric	2
Anticoagulant	1
Anticoeliac	1
Anticold	1
Anticolic	1
Anticolitic	1
Anticomplementary	2
Anticonvulsant	4
Anticoronary	2
AntiCrohn's	1
Antidandruff	2
Antidementia	1
Antidepressant	4
Antidermatic	1
Antidermatitic	1
Antidiabetic	4
Antidiarrheic	1

Activity	Chemical Count
Antidiscotic	1
AntiDNA	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antieczemic	1
Antiedemic	4
Antiencephalopathic	1
Antiendometriotic	1
Antienterotic	1
Antiepileptic	3
Antiescherichic	2
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	5
Antifeedant	6

Activity	Chemical Count
Antifibromyalgic	1
Antifibrotic	1
Antiflu	4
Antifuruncular	1
Antigastrotic	1
Antigenotoxic	1
Antiglaucomic	1
Antiglutamaergic	1
Antigonadotropic	1
Antihalitotic	3
Antihangover	1
Antihemolytic	1
Antihepatotoxic	2
Antiherpetic	3
Antiherpetic?	1
Antihistaminic	6
AntiHIV	4
Antihyperkinetic	2
Antihypertensive	4
Antihyperthyroid	1

Activity	Chemical Count
Antihypoglycemic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	1
Antiinflammatory	14
Antiinsomniac	3
Antiintegrase	1
Antikeratotic	1
Antilaryngitic	2
Antileishmanic	1
Antileptic	1
Antileukemic	2
Antileukonychic	1
Antileukotriene	2
Antilipolytic	1
Antilipoperoxidant	1
Antilisteria	2
Antilithic	2
Antilithic?	1
AntiLyme	1

Activity	Chemical Count
Antilymphomic	4
Antimaculitic	1
Antimange	1
Antimastalgic	1
Antimelanomic	1
Antimenopausal	2
Antimenorrhagic	1
Antimetastatic	1
Antimetastatic (Stomach)	1
Antimigraine	1
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	8
Antinephritic	2
Antinephrolytic	1
Antineuralgic	1
Antineuropathic	1
Antineurotic	1

Activity	Chemical Count
Antinitrosaminic	1
Antinitrosating	1
Antinociceptive	5
Antinyctalopic	1
Antiobesity	3
Antiodontalgic	1
Antionychyotic	1
Antiophidic	1
Antiosteoporotic	5
Antiotitic	1
Antiototic	1
Antioxidant	10
Antioxidant (LDL)	1
Antiperiodontitic	2
Antipharyngitic	2
Antiplaque	5
AntiPMS	3
Antipneumonic	1
Antipolio	1
Antiprolactin	1

Activity	Chemical Count
Antiproliferant	3
Antiproliferative	1
Antiprostaglandin	3
Antiprostatic	1
Antiproteolytic	1
Antipruritic	1
Antipulmonotic	1
Antipyretic	3
Antiradicular	4
AntiRaynaud's	1
Antirenitic	1
Antiretinopathic	1
Antirheumatalgic	1
Antirheumatic	5
Antirhinitic	2
AntiRNA	1
Antisalmonella	4
Antiseptic	14
Antishock	2
Antisinusitic	3

Activity	Chemical Count
Antispasmodic-Tire	1
Antispasmodic	15
Antispasmophilic	1
Antistaphylococcic	8
Antistomatitic	2
Antistreptococcic	2
Antistress	2
Antistroke	2
Antisyncopic	1
Antisyndrome-X	3
Antitartar	1
Antithromboxane	1
Antithyreotropic	1
Antithyroid	1
Antitic	1
Antitinnitic	1
AntiTNF	1
Antitriglyceride	2
Antitumor	5
Antitumor (brain)	1

Activity	Chemical Count
Antitumor (Breast)	1
Antitumor (Colon)	2
Antitumor (Kidney)	1
Antitumor (Lung)	1
Antitumor (Ovary)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	2
Antitumor (Thyroid)	1
Antitumor-Promoter	1
Antitussive	3
Antiulcer	7
Antiuremic	1
Antivaccinia	1
Antivaginitic	2
Antiviral	9
Antiviral?	1
Antivulvitic	1
Anxiolytic	5

Activity	Chemical Count
Aphidifuge	1
Apifuge	1
Apoptotic	3
Aromatase-Inhibitor	1
Astringent	2
Avifuge	1
Barbituate-Synergist	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bradycardic	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorelaxant	1
Bronchorrheic	1
Calcium-Antagonist	7
Calcium-Channel-Blocker	1
Cancer-Preventive	10
Candidicide	8
Candidistat	3

Activity	Chemical Count
Capillariprotective	1
Carcinogenic	3
Carcinogenic?	1
Cardioprotective	3
Cardiotoxic	1
Carminative	4
Catabolic	1
Cerebrodepressant	1
Cerebrotoxic	2
Chelator	1
Chemopreventive	3
Choleretic	6
Cholesterolytic	1
Ciliotoxic	1
CNS-Depressant	5
CNS-Stimulant	4
Coleoptophile	1
Collagenic	1
Congestant	1
Contraceptive	1

Activity	Chemical Count
Convulsant	4
Copper-Antagonist	1
Corrosive	1
Counterirritant	5
COX-1-Inhibitor	2
COX-2-Inhibitor	2
Culicide	2
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-Inducer	2
Cytochrome-P450-Inhibitor	1
Cytotoxic	4
Decongestant	2
Decongestant?	1
Degranulant	2
Deiodinase-Inhibitor	2
Dentifrice	2
Deodorant	1
Dermatitigenic	2
Detoxicant	1
Detoxicant (Alcohol)	1

Activity	Chemical Count
Diaphoretic	1
Differentiator	1
Diuretic	4
Edemagenic	2
Emmenagogue	1
Encephalopathic	1
Enterocontractant	1
Enterorelaxant	2
Epileptigenic	1
Ergogenic	1
Estrogenic	1
Expectorant	9
Flatugenic	2
FLavor	24
Fungicide	14
Fungiphilic	1
Fungistat	3
Fungitoxic	1
GABA-nergic	1
Gastroprotective	3

Activity	Chemical Count
Gastroedative	1
Glucosyl-Transferase-Inhibitor	1
Glutathionalytic	1
Gram(+)icide	2
Gram(-)icide	2
GST-Inducer	1
Hallucinogenic	2
Hepatoprotective	3
Hepatotonic	2
Hepatotoxic	3
Herbicide	10
Histaminic	1
Hyaluronidase-Inhibitor	1
Hypertensive	1
Hypnotic	1
Hypocholesterolemic	4
Hypocholesterolemic?	1
Hypoglycemic	1
Hypolipidemic	1
Hypotensive	6

Activity	Chemical Count
Hypothermic	2
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Immunomodulator	5
Immunostimulant	2
Immunosuppressant	2
Inflammatory	2
iNOS-Inhibitor	1
Insect-Repellent	1
Insecticide	10
Insectifuge	15
Insectiphile	1
Insulinogenic	2
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	17
Juvabional	1
Keratitigenic	1
Larvicide	4
Laxative	3

Activity	Chemical Count
Leptingenic	1
Lipolytic	1
Lipoxygenase-Inhibitor	4
Litholytic	1
MAO-Inhibitor	1
MAPK-Inhibitor	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mosquitocide	1
Mosquitofuge	1
Motor-Depressant	3
Mucogenic	1
Mucolytic	1
Mutagenic	1
Myorelaxant	7
Nematicide	9
NEP-Inhibitor	1
Nephrotoxic	1
Neurodepressant	1
Neuropathogenic	1

Activity	Chemical Count
Neuroprotective	1
Neurotoxic	5
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1
NO-Inhibitor	1
Nociceptive	1
Ornithine-Decarboxylase-Inhibitor	2
Osteolytic	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	2
P450-Inducer	3
Pediculicide	2
Perfume	2
Perfumery	22
Peristaltic	1
Pesticide	32
Pheromone	1
Photosensitizer	1
Preservative	1

Activity	Chemical Count
ProHDL	1
Proliferant	1
Prooxidant	2
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychoactive	1
Psychotropic	1
PTK-Inhibitor	1
Pulifuge	1
Pulmonotoxic	3
Radioprotective	1
Refrigerant	1
Respirainhibitor	1
Rubefacient	3
Schizophrenigenic	1
Secretagogue	2
Sedative	12
Spasmogenic	5

Activity	Chemical Count
Spermicide	1
Spermigenic	1
Succinoxidase-Inhibitor	1
Surfactant	2
Termiticide	3
Termitifuge	2
Testosterone-Hydroxylase-Inducer	2
Testosteronigenic	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Toxic	3
Tranquilizer	4
Transdermal	6
Trichomonicide	8
Trichomonistat	1
Trypsin-Enhancer	1
Tumor-Promoter	1
Tyrosinase-Inhibitor	1
Ulcerogenic	2
Uterorelaxant	1

Activity	Chemical Count
Varroacide	1
Vasodilator	5
Vasopressor	1
VEGF-Inhibitor	1
Vermicide	1
Vermifuge	1
Verrucolytic	1
Vibriocide	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	2