

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Mentha spicata***

<b>Activity</b>	<b>Chemical Count</b>
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	5
ABeta-Inhibitor	1
Abortifacient	1
Acaricide	10
ACE-Inhibitor	4
AChE-Inhibitor	2
Acidulant	2
Addictive	1
Adenylate-Cyclase-Inhibitor	1
Adjuvant	1
Aldose-Reductase-Inhibitor	9
Allelochemic	6
Allelopathic	6
Allergenic	26
Alpha-Reductase-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Analgesic	15
Ancylostomicide	1
Androgenic	1
Androgenic?	1
Anemiagenic	2
Anesthetic	10
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anhydrotic	1
Ankylostomacide	1
Anorexic	1
Anthelmintic	5
Anti-LDL	1
Antiacetylcholine	1
Antiacetylcholinesterase	20
Antiacid	1
Antiacne	10
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2

<b>Activity</b>	<b>Chemical Count</b>
Antiadenomic	3
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	8
Antiaging	3
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergenic	1
Antiallergic	14
Antialopepic	4
Antialzheimeran	7
Antialzheimeran?	4
Antiamblyopic	1
Antianaphylactic	3
Antiandrogenic	4
Antianemic	4
Antianginal	2

<b>Activity</b>	<b>Chemical Count</b>
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	6
Antiarteriosclerotic	2
Antiarthritic	11
Antiasthmatic	9
Antiatherogenic	1
Antiatherosclerotic	8
Antibacillary	2
Antibacillus	1
Antibackache	1
Antibacterial	37
Antiberiberi	1
AntiBPH	1
Antibradykinic	1
Antibronchitic	5

Activity	Chemical Count
Anticancer	8
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Lung)	2
Anticancer (Pancreas)	3
Anticanker	3
Anticapillary-Fragility	2
Anticarcinogenic	2
Anticarcinomic	4
Anticarcinomic (Colon)	1
Anticarcinomic (Lung)	1
Anticardiospasmic	1
Anticariogenic	12
Anticarpal-Tunnel	1
Anticataract	7
Anticatarrh	2
Anticephalagic	3
Anticervicaldysplasic	3
AntiCFS	2

<b>Activity</b>	<b>Chemical Count</b>
Anticheilitic	2
Antichilblain	1
Anticholestatic	1
Anticholinesterase	4
Anticholinesterase?	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	2
Anticomplement	2
Anticomplementary	3
Anticonvulsant	5
Anticoronary	4
AntiCrohn's	2
AntiCTS	1
AntiCVI	1

<b>Activity</b>	<b>Chemical Count</b>
Anticytotoxic	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	7
Antidepressant?	1
Antidermatic	1
Antidermatitic	4
Antidiabetic	8
Antidiabetic?	1
Antidiscotic	1
Antidiuretic	1
AntiDNA	1
Antidote	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	2

Activity	Chemical Count
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidrepanocytic	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	5
Antiedemic	9
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antiescherichic	5
Antiesophagitic	1
Antiestrogenic	4



<b>Activity</b>	<b>Chemical Count</b>
Antifatigue	8
Antifeedant	9
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	5
Antifuruncular	1
Antigallstone	1
Antigastritic	3
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	2
Antigliomic	1
Antiglossitic	1
Antiglutamaergic	1
Antigonadotrophic	1
Antigonadotropic	1

<b>Activity</b>	<b>Chemical Count</b>
Antigranular	1
Antihalitotic	4
Antihangover	4
Antiheartburn	1
Antihelicobacter	1
Antihemolytic	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	2
Antihepatotic	1
Antihepatotoxic	5
Antiherpetic	8
Antiherpetic?	1
Antihistaminic	12
AntiHIV	8
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1

<b>Activity</b>	<b>Chemical Count</b>
Antihyperkinetic	2
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	7
Antihyperthyroid	1
Antihypoglycemic	1
Antihysterical	1
Antiichthyotic	1
Antiileus?	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	28
Antiinsomniac	5
Antiinsomniac?	1
Antiinsomnic	1
Antiintegrase	1
Antiischemic	1
Antikeratitic	1
Antikeratotic	1

<b>Activity</b>	<b>Chemical Count</b>
Antilactobacillic	1
Antilaryngitic	2
Antileishmanic	2
Antileptic	3
Antileukemic	7
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	3
Antilipoperoxidant	2
Antilisteria	3
Antilithic	4
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphomic	6
Antimaculitic	3
Antimalarial	4
Antimange	1
Antimanic	1

<b>Activity</b>	<b>Chemical Count</b>
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	10
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	4
Antimetastatic (Stomach)	1
Antimetrorrhagic	1
Antimigraine	5
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	14
Antimyocarditic	1
Antinephritic	4
Antinephrolytic	1

<b>Activity</b>	<b>Chemical Count</b>
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	2
Antineurotic	1
Antinitrosaminic	2
Antinitrosating	1
Antinitrosic	1
Antinociceptive	6
Antinyctalopic	1
Antiobesity	5
Antiobesity?	1
Antiodontalgic	2
Antionychyotic	1
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	7
Antiotitic	2

<b>Activity</b>	<b>Chemical Count</b>
Antiototic	1
Antioxidant	30
Antioxidant (LDL)	3
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	6
Antiparotitic	1
Antipellagic	3
Antipeptic	1
Antiperiodontic	2
Antiperiodontitic	3
Antiperistaltic	1
Antiperoxidant	3
AntiPGE2	1
Antipharyngitic	2
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplateau	8

<b>Activity</b>	<b>Chemical Count</b>
Antiplasmodial	4
AntiPMS	4
Antipneumonic	2
Antipodriac	1
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	9
Antiproliferative	3
Antiprostaglandin	7
Antiprostataadenomic	1
Antiprostatic	5
Antiprostatotic	1
Antiproteolytic	1
Antipruritic	4
Antipsoriac	1
Antipsychotic	1



<b>Activity</b>	<b>Chemical Count</b>
Antipulmonotic	1
Antipyretic	6
Antiradicular	9
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	9
Antirheumatitic?	1
Antirhinitic	3
Antirhinoviral	1
AntiRNA	1
Antisalmonella	7
Antisarcomic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	28
Antishingles	1

<b>Activity</b>	<b>Chemical Count</b>
Antishock	2
Antisickling	3
Antisinusitic	3
Antispare-Tire	1
Antispasmodic	27
Antispasmophilic	1
Antistaphylococcic	11
Antistomatitic	2
Antistreptococcic	5
Antistress	5
Antistroke	2
Antisyndrome-X	4
Antitartar	1
AntiTGF-beta	2
Antithromboxane	3
Antithyreotropic	1
Antithyroid	2
Antitic	1
Antitinnitic	1
AntiTNF	1

<b>Activity</b>	<b>Chemical Count</b>
Antitrichinosic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitubercular	1
Antitumor	15
Antitumor (brain)	2
Antitumor (Breast)	7
Antitumor (Cervix)	3
Antitumor (CNS)	1
Antitumor (Colon)	6
Antitumor (Gastric)	1
Antitumor (Kidney)	2
Antitumor (Lung)	7
Antitumor (Ovary)	2
Antitumor (Pancreas)	5
Antitumor (Prostate)	3
Antitumor (Skin)	2
Antitumor (Stomach)	4
Antitumor (Thyroid)	1
Antitumor-Promoter	2

<b>Activity</b>	<b>Chemical Count</b>
Antitussive	6
Antiulcer	19
Antiuremic	2
Antivaccinia	1
Antivaginitic	2
Antivertigo	1
Antiviral	17
Antiviral?	1
Antivertilgic	1
Antivulvitic	1
Antixerophthalmic	1
Antiyeast	2
Anxiolytic	8
Aphidifuge	1
Aphrodisiac	1
Apifuge	1
Apoptotic	10
Aromatase-Inhibitor	4
Artemicide	2
Ascaricide	1

<b>Activity</b>	<b>Chemical Count</b>
Asthma-preventive	1
Astringent	1
Ataxigenic	1
Avifuge	1
Bacteriostatic	1
Bacteristat	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	4
Beta-Glucuronidase-Inhibitor	5
Bradycardic	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorelaxant	1
Bronchorrheic	1
Bruchifuge	1
Calcium-Antagonist	8
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1

<b>Activity</b>	<b>Chemical Count</b>
Cancer-Preventive	35
Candidicide	19
Candidostat	3
Capillariprotective	1
Carcinogenic	4
Carcinogenic?	1
Cardioprotective	8
Cardiotonic	2
Cardiotoxic	1
Carminative	7
Caspase-8-Inducer	1
Catabolic	1
Cerebrotoxic	2
Chemopreventive	6
Choleretic	12
Cholesterolytic	1
Cicatrizant	1
Ciliotoxic	1
Circulotonic	1
CNS-Depressant	9

<b>Activity</b>	<b>Chemical Count</b>
CNS-Paralytic	1
CNS-Stimulant	6
CNS-Toxic	1
Cold-preventive	1
Coleopterifuge	1
Coleoptophile	1
Collagenic	2
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Congestant	1
Contraceptive	1
Convulsant	6
Copper-Antagonist	1
Cosmetic	2
Counterirritant	4
COX-1-Inhibitor	4
COX-2-Inhibitor	6
Culicide	3
Cyclooxygenase-Inhibitor	7

<b>Activity</b>	<b>Chemical Count</b>
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-Inducer	4
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	6
Decongestant	2
Decongestant?	1
Degranulant	2
Deiodinase-Inhibitor	3
Dentifrice	3
Deodorant	3
Dermatitigenic	5
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic	1
Differentiator	2
Diuretic	12
DNA-Protective	1
Edemagenic	2
Elastase-Inhibitor	2



<b>Activity</b>	<b>Chemical Count</b>
Embryotoxic	1
Emetic	2
Encephalopathic	2
Enterocontractant	2
Enterorelaxant	4
Enterotoxic	1
Epileptigenic	2
Ergogenic	1
Essential	8
Estrogenic	5
Expectorant	13
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	48
Fungicide	26
Fungiphilic	1
Fungistat	2
GABA-nergic	1

<b>Activity</b>	<b>Chemical Count</b>
Gastroirritant	1
Gastroprotective	4
Gastrosedative	1
Glutathionalytic	1
Glutathionigenic	1
Gonadotrophic	1
Gram(+)icide	3
Gram(-)icide	3
GST-Inducer	1
Hallucinogenic	1
Hemolytic	1
Hemostatic	1
Hepatoprotective	9
Hepatotonic	2
Hepatotoxic	4
Herbicide	14
HIF-1alpha-Inhibitor	1
Histaminic	1
Hyaluronidase-Inhibitor	2
Hypercholesterolemic	2

<b>Activity</b>	<b>Chemical Count</b>
Hypertensive	2
Hypnotic	4
Hypoammonemic	1
Hypoarginanemic	1
Hypocalcemic	1
Hypocholesterolemic	15
Hypocholesterolemic?	1
Hypoglycemic	7
Hypolipemic	1
Hypolipidemic	3
Hypotensive	14
Hypothermic	2
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Immunomodulator	9
Immunostimulant	6
Immunosuppressant	2
Inflammatory	2
Inhalant	1

<b>Activity</b>	<b>Chemical Count</b>
iNOS-Inhibitor	2
Inotropic	1
Insect-Repellent	1
Insecticide	12
Insectifuge	27
Insectifuge?	1
Insectiphile	3
Insulinase-Inhibitor	1
Insulinogenic	2
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	3
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	29
Juvabional	2
Keratitigenic	1
Larvicide	5
Laxative	4
Leptingenic	1

<b>Activity</b>	<b>Chemical Count</b>
Leucocytogenic	2
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	5
Lithogenic	1
Litholytic	1
Lubricant	3
MAO-Inhibitor	1
MAPK-Inhibitor	2
MDR-Inhibitor	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Molluscicide	1
Monoamine-Precursor	3
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	5
Mucogenic	2
Mucolytic	2

<b>Activity</b>	<b>Chemical Count</b>
Mucotropic	1
Musculotropic	1
Mutagenic	3
Mycobactericide	1
Myorelaxant	11
NADH-Oxidase-Inhibitor	1
Narcotic	2
Nematicide	24
Nematistat	1
NEP-Inhibitor	1
Nephrotoxic	1
Neurodepressant	1
Neuroexcitant	1
Neuroinhibitor	1
Neurolytic	1
Neuropathogenic	1
Neuroprotective	2
Neurotoxic	7
Neurotransmitter	1
NF-kB-Inhibitor	4

<b>Activity</b>	<b>Chemical Count</b>
NO-Genic	2
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Nociceptive	1
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	3
Osteoblastogenic	1
Osteogenic	1
Osteolytic	1
Ovulant	1
Oxidant	2
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	2
P450-Inducer	5
P450-Inhibitor	1
Pediculicide	2
Percutaneostimulant	2
Perfume	2
Perfumery	47

<b>Activity</b>	<b>Chemical Count</b>
Peristaltic	1
Pesticide	62
Phagocytotic	2
Pheromonal	1
Pheromone	1
Photosensitizer	1
Piscicide	2
Pituitary-Stimulant	1
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
PPAR-Gamma-Antagonist	1
Progestational	1
ProHDL	1
Prolactinogenic	1
Proliferant	1
Prooxidant	3
Propepic	4
Prostaglandin-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	2



<b>Activity</b>	<b>Chemical Count</b>
Prostaglandin-Synthetase-Inhibitor	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychoactive	1
PTK-Inhibitor	2
Pulifuge	1
Pulmonotoxic	2
Quinone-Reductase-Inducer	2
Radioprotective	3
Refrigerant	1
Renoirritant	1
Renotoxic	1
Respirapalytic	1
Roborant	1
Rubefacient	4
Schizophrenigenic	1
Sclerosant	1
Secretogogue	2
Sedative	26

<b>Activity</b>	<b>Chemical Count</b>
Serotoninergetic	2
Soap	2
Sodium-Sparing	1
Soporific	1
Spasmogenic	6
Spermicide	3
Spermigenic	2
Sprout-Inhibitor	1
Succinoxidase-Inhibitor	1
Sunscreen	1
Suppository	1
Surfactant	3
Teratogenic	1
Termiticide	5
Termitifuge	2
Testosterone-Hydroxylase-Inducer	2
Testosterone-Inducer	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	3

<b>Activity</b>	<b>Chemical Count</b>
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	1
Toxic	1
Tracheorelaxant	2
Tranquilizer	5
Transdermal	7
Tremorigenic	1
Tremorilytic	1
Trichomonicide	14
Trichomonistat	1
Trypanocide	1
Trypsin-Enhancer	1
Tumor-Promoter	2
Tyrosinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	4
Uricosuric	2
Urinary-Acidulant	1
Urinary-Antiseptic	1

<b>Activity</b>	<b>Chemical Count</b>
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotonic	1
Uterotrophic	1
Varroacide	3
Vasodilator	10
Vasopressor	3
VEGF-Inhibitor	2
Venoprotective	1
Venotonic	1
Vermicide	2
Vermifuge	2
Verrucolytic	1
Vibriocide	2
Vulnerary	4
Xanthine-Oxidase-Inhibitor	2