

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

<b>Activity</b>	<b>Chemical Count</b>
11B-HSD-Inhibitor	1
ABeta-Inhibitor	1
Abortifacient	2
Acaricide	2
ACE-Inhibitor	1
AChE-Inhibitor	2
Adenylate-Cyclase-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	4
Allelopathic	4
Allergenic	8
Analgesic	6
Anesthetic	1
Angiotensin-Receptor-Blocker	1
Anthelmintic	1
Antiacetylcholinesterase	9
Antiacne	1
AntiADD	1

<b>Activity</b>	<b>Chemical Count</b>
Antiadenomic	1
Antiadenoviral	1
Antiaflatoxin	1
Antiaggregant	6
Antiaging	2
Antiallergenic	1
Antiallergic	9
Antialzheimeran	2
Antialzheimeran?	2
Antianaphylactic	2
Antiangiogenic	2
Antianxiety	1
Antiarrhythmic	6
Antiarthritic	2
Antiasthmatic	3
Antiatherogenic	2
Antiatherosclerotic	3
Antibacillary	2
Antibacillus	1
Antibacterial	18

<b>Activity</b>	<b>Chemical Count</b>
Antibronchitic	1
Anticancer	4
Anticancer (Colon)	2
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticarcinogenic	3
Anticarcinomic	3
Anticariogenic	2
Anticataract	1
Anticholestatic	1
Anticholinesterase	1
Anticlastogen	1
Anticlimacteric	1
Anticoagulant	1
Anticomplement	2
Anticomplementary	3
Antidandruff	1
Antidepressant	4

<b>Activity</b>	<b>Chemical Count</b>
Antidermatic	1
Antidermatitic	1
Antidiabetic	1
Antidote (Aluminum)	1
Antidote (Lead)	1
Antidysmenorrheic	1
AntiEBV	1
Antiedemic	5
Antielastase	1
Antiescherichic	4
Antiesophagitic	1
Antiestrogenic	3
Antifatigue	1
Antifeedant	3
Antifertility	2
Antifibrosarcomic	1
Antiflu	4
Antigingivitic	1
Antigonadotropic	2
Antihalitotic	1

<b>Activity</b>	<b>Chemical Count</b>
Antihelicobacter	1
Antihemolytic	2
Antihepatoadenomic	1
Antihepatotoxic	6
Antiherpetic	7
Antihistaminic	9
AntiHIV	8
Antihypercholesterolemic	1
Antihyperkinetic	1
Antihyperlipidemic	2
Antihypertensive	2
Antihyperthyroid	2
Antiinflammatory	13
Antiinsomniac	1
Antiintegrase	1
Antiischemic	1
AntiLegionella	1
Antileishmanic	2
Antileukemic	7
Antileukotriene	3

<b>Activity</b>	<b>Chemical Count</b>
Antilipoperoxidant	1
Antilisteria	2
Antilithic	1
Antilithic?	1
Antilymphomic	3
Antimalarial	2
Antimelanogenic	1
Antimelanomic	2
Antimenopausal	1
Antimetastatic	2
Antimetastatic (Stomach)	1
Antimitotic	1
Antimutagenic	7
Antineoplastic	1
Antinephritic	3
Antineuralgic	1
Antinitrosaminic	3
Antinociceptive	1
Antiobesity	2
Antiobesity?	1

<b>Activity</b>	<b>Chemical Count</b>
Antiodontalgic	1
Antiophidic	1
Antiosteoporotic	1
Antioxidant	13
Antioxidant (LDL)	1
Antiperiodontic	1
Antiperiodontitic	1
Antiperistaltic	1
Antiperoxidant	4
AntiPGE2	1
Antiplateque	2
Antiplasmodial	2
AntiPMS	1
Antipneumonic	1
Antipolio	1
Antiproliferant	4
Antiproliferative	2
Antiprostaglandin	2
Antiproteolytic	1
Antipruritic	1

<b>Activity</b>	<b>Chemical Count</b>
Antipulmonotic	1
Antipyretic	2
Antiradicular	3
Antirheumatalgic	1
Antirheumatic	2
Antisalmonella	2
Antisarcomic	1
Antiseptic	12
Antiserotonin	1
Antishock	2
Antisinusitic	1
Antispasmodic	13
Antistaphylococcic	6
Antistomatitic	1
Antistreptococcic	1
Antistress	2
Antistroke	1
Antisunburn	1
Antitartar	1
AntiTGF-beta	2



<b>Activity</b>	<b>Chemical Count</b>
Antithiamin	1
Antithrombic	1
Antithromboxane	1
Antithyreotropic	1
Antithyroid	3
Antitic	1
Antitrypanosomic	1
Antitumor	9
Antitumor (brain)	2
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (Colon)	6
Antitumor (Forestomach)	1
Antitumor (Kidney)	2
Antitumor (Liver)	2
Antitumor (Lung)	4
Antitumor (Ovary)	2
Antitumor (Pancreas)	3
Antitumor (Prostate)	1
Antitumor (Skin)	5

<b>Activity</b>	<b>Chemical Count</b>
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	3
Antitussive	1
Antiulcer	3
Antiulcerogenic	1
Antiuremic	1
Antivaccinia	1
Antivaginitic	1
Antiviral	13
Antivulvitic	1
Anxiolytic	5
Aphidifuge	1
Apoptotic	5
Aromatase-Inhibitor	4
Arteriodilator	1
Avifuge	1
Barbituate-Synergist	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	4

<b>Activity</b>	<b>Chemical Count</b>
Bradycardic	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorelaxant	1
Bronchorrhagic	1
Calcium-Antagonist	6
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Cancer-Preventive	16
Candidicide	6
Candidostat	2
Carcinogenic	2
Cardiac	1
Cardioprotective	3
Cardiotonic	2
Cardiotoxic	1
Carminative	2
Caspase-3-Inducer	1
Cerebrodepressant	1

<b>Activity</b>	<b>Chemical Count</b>
Cerebrotoxic	2
Chemopreventive	5
Cholagogue	2
Choleretic	7
Cholesterolytic	1
Ciliotoxic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	3
CNS-Stimulant	2
Co-carcinogenic	1
Coleoptophile	1
Collagen-Sparing	1
Congestant	1
Convulsant	2
Counterirritant	2
COX-1-Inhibitor	2
COX-2-Inhibitor	5
Culicide	1
Cyclooxygenase-Inhibitor	3

<b>Activity</b>	<b>Chemical Count</b>
Cytochrome-P450-1A1-Inhibitor	1
Cytoprotective	1
Cytotoxic	7
Decongestant?	1
Deiodinase-Inhibitor	3
Dermal	1
Dermatitigenic	1
Detoxicant	1
Diaphoretic	1
Diaphoretic?	1
Differentiator	2
Diuretic	8
DNA-Active	1
DNA-Protective	2
Elastase-Inhibitor	2
Emetic	1
Emmenagogue	1
Encephalopathic	1
Enterocontractant	1
Enterorelaxant	1

<b>Activity</b>	<b>Chemical Count</b>
Epileptigenic	1
Estrogenic	3
Expectorant	5
FLavor	11
Fungicide	8
Fungiphilic	1
Fungistat	2
Gastroedative	1
Glaucomagenic	1
Glutathionalytic	1
Glutathionigenic	1
GST-Inducer	1
Hallucinogenic	2
Hepatocarcinogenic	1
Hepatoprotective	5
Hepatotoxic	2
Hepatotropic	2
Herbicide	9
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Histaminic	1
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypertensive	1
Hypocholesterolemic	2
Hypocholesterolemic?	1
Hypoglycemic	1
Hypolipemic	1
Hypolipidemic	1
Hypotensive	5
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Immunomodulator	4
Immunostimulant	3
iNOS-Inhibitor	2
Inotropic	1
Insecticide	6
Insectifuge	10
Insectiphile	2
Interleukin-6-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	7
Larvicide	1
Larvostat	1
Laxative	3
Leucocytogenic	2
Leukotriene-Inhibitor	1
Lipolytic	1
Lipoxygenase-Inhibitor	5
Lyase-Inhibitor	1
MAO-Inhibitor	1
MAPK-Inhibitor	2
Metal-Chelator	2
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	2
Motor-Depressant	1
Musculotropic	1
Mutagenic	2
Myorelaxant	5



<b>Activity</b>	<b>Chemical Count</b>
NADH-Oxidase-Inhibitor	1
Nematicide	6
NEP-Inhibitor	1
Nephrotoxic	1
Neurodepressant	1
Neuropathogenic	1
Neuroprotective	1
Neurotoxic	2
NF-kB-Inhibitor	4
NO-Genic	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Nociceptive	1
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	5
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	2
P450-Inducer	1
Perfumery	12

<b>Activity</b>	<b>Chemical Count</b>
Peristaltic	1
Pesticide	26
Peticide	1
Phagocytotic	2
Photosensitizer	1
Pigment	5
Piscicide	2
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	1
Progestational	1
Proliferant	1
Prooxidant	4
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1
Protease-Inhibitor	2
Protein-Kinase-C-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Protistocide	1
Psychoactive	1
PTK-Inhibitor	2
Pulifuge	1
Pulmonotoxic	2
Quinone-Reductase-Inducer	2
Radioprotective	2
Refrigerant	1
Respirainhibitor	1
Rubefacient	1
Sedative	10
Sodium-Sparing	1
Spasmogenic	3
Succinoxidase-Inhibitor	1
Sunscreen	3
Teratogenic	1
Termiticide	1
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Topoisomerase-II-Inhibitor	1
Toxic	2
Tranquilizer	2
Transdermal	4
Trichomonicide	4
Trypanocide	2
Tumorigenic	1
Tyrosinase-Inhibitor	2
Uterosedative	1
Uterotonic	1
Uterotrophic	1
Vasodilator	4
Vasopressor	2
VEGF-Inhibitor	2
Vermicide	1
Vibriocide	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	3