

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Rosmarinus officinalis*

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	5
5-Lipoxygenase-Inhibitor	1
ABeta-Inhibitor	1
Abortifacient	4
Acaricide	7
ACE-Inhibitor	5
AChE-Inhibitor	1
Acidulant	2
Adenylate-Cyclase-Inhibitor	1
Adjuvant	1
Aldose-Reductase-Inhibitor	17
Allelochemic	6
Allelopathic	5
Allergenic	23
Allergenic?	1
Alpha-Reductase-Inhibitor	1
Analgesic	21
Ancylostomicide	1
Androgenic	2
Androgenic?	1
Anemiagenic	2
Anesthetic	12
Angiogenic	1
Angiotensin-Receptor-Blocker	3

Activity	Chemical Count
Anhydrotic	1
Ankylostomacide	1
Anorexic	1
Anthelmintic	7
Anti-LDL	1
Antiacetylcholine	1
Antiacetylcholinesterase	12
Antiacid	1
Antiacne	11
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2
Antiadenomic	2
Antiadenoviral	1
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	11
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antiakalotic	1
Antiallergenic	1
Antiallergic	11
Antialopepic	4
Antialzheimeran	8

Activity	Chemical Count
Antialzheimeran?	4
Antiamblyopic	1
Antianaphylactic	3
Antiandrogenic	4
Antianemic	3
Antianginal	3
Antiangiogenic	4
Antiangiotensic	1
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	6
Antiarteriosclerotic	2
Antiarthritic	12
Antiasthmatic	9
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	10
Antibacillary	1
Antibackache	1
Antibacterial	46
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Antibradykinetic	1

Activity	Chemical Count
Antibradykinic	1
Antibronchitic	3
Anticancer	9
Anticancer (Breast)	2
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Fore stomach)	1
Anticancer (Gastric)	1
Anticancer (Liver)	1
Anticancer (Lung)	2
Anticancer (Pancreas)	1
Anticancer (Skin)	1
Anticancer	3
Anticapillary-Fragility	2
Anticarcinogenic	4
Anticarcinomic	6
Anticardiospasmic	1
Anticariogenic	10
Anticarpal-Tunnel	1
Anticataract	11
Anticatarrh	1
Anticephalagic	3
Anticervicaldysplastic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Anticholestatic	1

Activity	Chemical Count
Anticholinesterase	3
Anticholinesterase?	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	2
Anticomplement	2
Anticomplementary	3
Anticonvulsant	8
Anticoronary	4
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticytotoxic	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	7
Antidepressant	8
Antidepressant?	1
Antidermatic	2
Antidermatitic	4
Antidiabetic	11

Activity	Chemical Count
Antidiabetic?	1
Antidiarrheic	3
Antidiscotic	1
Antidiuretic	1
AntiDNA	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidote (Strychnine)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	3
Antieczemic	5
Antiedemic	16
Antielastase	1
Antiemetic	1
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1

Activity	Chemical Count
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	5
Antiescherichic	4
Antiesophagitic	1
Antiestrogenic	5
Antifatigue	7
Antifeedant	15
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	2
Antiflu	7
Antifuruncular	1
Antigallstone	2
Antigastritic	4
Antigastrotic	1
Antigenotoxic	3
Antigingivitic	2
Antiglaucomic	2
Antigliomic	1
Antiglossitic	1
Antiglutamaergic	1
Antigonadotrophic	1

Activity	Chemical Count
Antigonadotropic	3
Antigranular	1
Antihalitotic	2
Antihangover	4
Antiheartburn	1
Antihelicobacter	2
Antihemolytic	3
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	12
Antiherpetic	12
Antiherpetic?	1
Antihistaminic	12
AntiHIV	13
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	3
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8

Activity	Chemical Count
Antihyperthyroid	3
Antihypoglycemic	1
Antiichthyotic	1
Antielus?	1
Antiimpotence	2
Antiinfarctal	1
Antiinfective	1
Antiinfertility	4
Antiinflammatory	43
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	1
Antiintegrase	1
Antiischemic	2
Antikeratitic	1
Antikeratotic	1
Antilaryngitic	1
AntiLegionella	2
Antileishmanic	2
Antileptic	3
Antileukemic	9
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	6
Antileukotriene-D4	3
Antilipolytic	1
Antilipoperoxidant	5

Activity	Chemical Count
Antilithic	6
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphomic	6
Antimaculitic	4
Antimalarial	7
Antimange	1
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	2
Antimelanomic	8
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	5
Antimetastatic (Stomach)	1
Antimetrorrhagic	1
Antimigraine	5
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	21

Activity	Chemical Count
Antimyocarditic	1
Antinephritic	5
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	5
Antinitrosating	1
Antinitrosic	1
Antinociceptive	8
Antinyctalopic	1
Antiobesity	6
Antiobesity?	1
Antiodontalgic	1
Antionychyotic	1
Antiophidic	4
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiotitic	2
Antiototic	1
Antioxalate	1
Antioxidant	52
Antioxidant (LDL)	3

Activity	Chemical Count
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	7
Antiparotitic	1
Antipellagic	3
Antiperiodontic	2
Antiperiodontitic	3
Antiperistaltic	1
Antiperoxidant	7
AntiPGE2	1
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplaque	7
Antiplasmodial	6
AntiPMS	4
Antipneumonic	2
Antipodriac	1
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	10

Activity	Chemical Count
Antiproliferative	2
AntiProstaglandin	9
Antiprostataadenomic	1
Antiprostatic	5
Antiprostatotic	1
Antiproteolytic	1
Antipruritic	4
Antipsoriac	1
Antipsychotic	1
Antipulmonotic	1
Antipyretic	6
Antiradicular	17
AntiRaynaud's	3
Antirenitic	1
Antiretardation	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatalgic	1
Antirheumatic	9
Antirheumatitic?	1
Antirhinitic	2
Antirhinoviral	3
AntiRNA	1
Antisalmonella	5
Antisarcomic	1
Antiscoliotic	1
Antiscorbatic	1

Activity	Chemical Count
Antiscotomic	1
Antiseptic	26
Antishingles	1
Antishock	2
Antisickling	2
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	27
Antispasmophilic	1
Antistaphylococcic	11
Antistomatitic	3
Antistreptococcic	4
Antistress	5
Antistroke	3
Antisunburn	2
Antisyndrome-X	4
AntiTGF-beta	2
Antithiamin	1
Antithromboxane	3
Antithyrotropic	1
Antithyroid	4
Antitic	1
Antitinnitic	1
AntiTNF	1
Antitrichinosic	1
Antitriglyceride	2
Antitrypanosomic	1

Activity	Chemical Count
Antitubercular	1
Antitumor	25
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	7
Antitumor (Cervix)	3
Antitumor (CNS)	1
Antitumor (Colon)	7
Antitumor (Forestomach)	1
Antitumor (Gastric)	2
Antitumor (Kidney)	2
Antitumor (Liver)	1
Antitumor (Lung)	7
Antitumor (Ovary)	2
Antitumor (Pancreas)	4
Antitumor (Prostate)	4
Antitumor (Skin)	4
Antitumor (Stomach)	5
Antitumor (Thyroid)	1
Antitumor-Promoter	7
Antitussive	6
Antiulcer	26
Antiulcerogenic	1
Antiuremic	2
Antiurethrotic	1
Antiuricosuric	1
Antivaccinia	2

Activity	Chemical Count
Antivaginitic	1
Antivertigo	1
Antiviral	27
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	10
Aphidifuge	2
Aphrodisiac	1
Apifuge	1
Apoptotic	10
Aromatase-Inhibitor	4
Artemicide	2
Ascaricide	1
Asthma-preventive	1
Astringent	1
Ataxigenic	1
Autotoxic	1
Bacteriostatic	1
Bacteristat	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	4
Beta-Glucuronidase-Inhibitor	5
Bronchoprotectant	1
Bronchorelaxant	1

Activity	Chemical Count
Calcium-Antagonist	10
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Cancer-Preventive	47
Candidicide	13
Candidistat	3
Capillariprotective	1
Carcinogenic	7
Carcinogenic?	1
Cardioprotective	10
Cardiotonic	2
Cardiotoxic	1
Carminative	8
Caspase-8-Inducer	1
Catabolic	1
Cerebrodepressant	1
Chelator	1
Chemopreventive	10
Cholagogue	2
Choleretic	11
Cholesterolytic	2
Cicatrizant	1
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	9
CNS-Stimulant	7

Activity	Chemical Count
CNS-Toxic	1
Co-carcinogenic	1
Cold-preventive	1
Coleopterifuge	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Controlled	1
Convulsant	4
Copper-Antagonist	1
Cosmetic	3
Counterirritant	5
COX-1-Inhibitor	6
COX-2-Inhibitor	9
Culicide	2
Cyclooxygenase-Inhibitor	10
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-Inducer	3
Cytochrome-P450-Inhibitor	1
Cytochrome-P488-Inducer	1
Cytoprotective	2
Cytotoxic	13
Decongestant	2

Activity	Chemical Count
Degranulant	1
Deiodinase-Inhibitor	3
Deliriant	1
Demulcent	1
Dentifrice	2
Deodorant	3
Dermal	1
Dermatitigenic	5
Detoxicant	2
Detoxicant (Alcohol)	1
Differentiator	3
Diuretic	15
DNA-Active	1
DNA-Binder	2
DNA-Protective	2
Ecbolic	1
Edemagenic	1
Elastase-Inhibitor	2
Embryotoxic	1
Emetic	4
Emmenagogue	3
Encephalopathic	1
Enterocontractant	2
Enterorelaxant	3
Enterotoxic	1
Epileptigenic	2
Ergogenic	1

Activity	Chemical Count
Essential	8
Estrogenic	8
Expectorant	15
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	39
FPTase-Inhibitor	1
Fungicide	28
Fungiphilic	1
Fungistat	3
GABA-nergic	1
Gastroirritant	1
Gastroprotective	5
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
Gonadotrophic	1
Gram(+)icide	2
Gram(-)icide	2
GST-Inducer	1
Hallucinogenic	1
Hemolytic	1
Hemostat	1
Hepatocarcinogenic	2
Hepatoprotective	15
Hepatoregenerative	1
Hepatotonic	2

Activity	Chemical Count
Hepatotoxic	3
Hepatotropic	1
Herbicide	13
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	1
Hyaluronidase-Inhibitor	2
Hypercholesterolemic	3
Hyperglycemic	1
Hypertensive	2
Hypnotic	3
Hypoammonemic	1
Hypoarginanemic	1
Hypocalcemic	1
Hypocholesterolemic	18
Hypocholesterolemic?	1
Hypoglycemic	10
Hypolipemic	2
Hypolipidemic	3
Hypotensive	13
Hypothermic	4
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Immunomodulator	10
Immunostimulant	8
Immunosuppressant	2

Activity	Chemical Count
Inflammatory	1
Inhalant	1
iNOS-Inhibitor	2
Inotropic	1
Insect-Repellent	2
Insecticide	12
Insectifuge	35
Insectiphile	3
Insulinase-Inhibitor	1
Insulinogenic	2
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	3
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	26
Juvabional	2
Keratitigenic	1
Larvicide	6
Larvostat	1
Laxative	5
Leptingenic	1
Leucocytogenic	2
Leukotriene-Inhibitor	2
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	10

Activity	Chemical Count
Lithogenic	1
Litholytic	2
Lubricant	3
Lyase-Inhibitor	1
MAO-Inhibitor	2
MAPK-Inhibitor	2
MDR-Inhibitor	1
Metal-Chelator	3
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Molluscicide	1
Monoamine-Precursor	3
Mosquitocide	2
Mosquitofuge	2
Motor-Depressant	5
Motor-Stimulant	1
Mucogenic	2
Mucolytic	2
Mucotropic	1
Musculotropic	1
Mutagenic	3
Mycobactericide	1
Myorelaxant	11
NADH-Oxidase-Inhibitor	1
Narcotic	3
Nematicide	18

Activity	Chemical Count
NEP-Inhibitor	1
Nephrotoxic	1
Neuroexcitant	1
Neuroinhibitor	1
Neurolytic	1
Neuroprotective	2
Neurotoxic	5
Neurotransmitter	1
NF-kB-Inhibitor	4
NO-Genic	3
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Nodulation-Signal	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	7
Osteoblastogenic	1
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	2
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	5
P450-Inducer	3
P450-Inhibitor	1
Pediculicide	2

Activity	Chemical Count
Percutaneostimulant	2
Perfume	1
Perfumery	40
Peristaltic	2
Pesticide	67
Phagocytotic	2
Phospholipase-A2-Inhibitor	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	4
Propepic	4
Prostaglandigenic	1
Prostaglandin-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	4
Prostaglandin-Synthetase-Inhibitor	1
Protease-Inhibitor	3
Protein-Kinase-C-Inhibitor	2
Protisticide	2

Activity	Chemical Count
Psychoactive	1
Psychotropic	1
PTK-Inhibitor	2
Purgative	1
Quinone-Reductase-Inducer	3
Radioprotective	4
Renoirritant	1
Respirainhibitor	2
Respirastimulant	1
Roborant	1
Rubefacient	3
Schizophrenogenic	1
Sclerosant	1
Secretagogue	1
Secretolytic	1
Sedative	25
Serotoninerpic	2
Soap	2
Sodium-Sparing	1
Spasmogenic	6
Spermicide	3
Spermigenic	2
Sprout-Inhibitor	1
Stimulant	1
Succinoxidase-Inhibitor	1
Sunscreen	4
Suppository	1

Activity	Chemical Count
Surfactant	2
Sweetener	2
Teratogenic	1
Termiticide	2
Termitifuge	2
Testosterone-Hydroxylase-Inducer	1
Testosterone-Inducer	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	3
TOPO-2-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	2
Toxic	2
Tracheorelaxant	2
Tranquilizer	4
Transdermal	6
Tremorigenic	2
Tremorilytic	1
Trichomonicide	10
Trichomonistat	1
Trypanocide	1
Trypsin-Enhancer	1
Tumor-Promoter	2
Tumorigenic	1
Ubiquit	2
Ulcerogenic	4

Activity	Chemical Count
Uricosuric	3
Urinary-Acidulant	1
Urinary-Antiseptic	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotonic	1
Uterotrophic	1
Varroacide	2
Vasodilator	10
Vasopressor	3
VEGF-Inhibitor	2
Venoprotective	1
Venotonic	1
Vermicide	2
Vermifuge	2
Verrucolytic	2
Vibriocide	1
Vulnerary	7
Xanthine-Oxidase-Inhibitor	5