

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

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	1
ABeta-Inhibitor	1
Abortifacient	5
Acaricide	8
ACE-Inhibitor	7
AChE-Inhibitor	1
Acidulant	2
Adenylate-Cyclase-Inhibitor	1
Aldose-Reductase-Inhibitor	22
Allelochemic	6
Allelopathic	8
Allergenic	18
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	21
Ancylostomicide	1
Androgenic	2
Androgenic?	1
Anemiagenic	1
Anesthetic	7
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Ankylostomacide	1

Activity	Chemical Count
Anorexic	2
Anthelmintic	7
Antiacetylcholine	1
Antiacetylcholinesterase	9
Antiacid	1
Antiacne	13
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	3
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	11
Antiaging	5
Antiakathisic	1
Antialcoholic	6
Antialdosteronic	1
Antiallergenic	3
Antiallergic	14
Antialopepic	4
Antialzheimeran	7
Antialzheimeran?	2
Antiamblyopic	1
Antianaphylactic	6
Antiandrogenic	4

Activity	Chemical Count
Antianemic	3
Antianginal	2
Antiangiogenic	5
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavivotic	1
Antiarrhythmic	7
Antiarteriosclerotic	2
Antiartritic	14
Antiasthmatic	10
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	10
Antibacillary	1
Antibacillus	1
Antibackache	1
Antibacterial	47
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Antibronchitic	5
Anticancer	10
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	4
Anticancer (Esophagus)	1

Activity	Chemical Count
Anticancer (Foreestomach)	2
Anticancer (Liver)	2
Anticancer (Lung)	2
Anticancer (Mouth)	1
Anticancer (Pancreas)	2
Anticancer (Skin)	2
Anticanker	3
Anticarcinogenic	4
Anticarcinomic	6
Anticarcinomic (Colon)	1
Anticarcinomic (Lung)	1
Anticardiospasmic	1
Anticariogenic	12
Anticarpal-Tunnel	1
Anticataract	9
Anticatarrh	1
Anticephalagic	3
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholestatic	1
Anticholinesterase	2
Anticirrhotic	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	4

Activity	Chemical Count
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	2
Anticomplement	2
Anticomplementary	4
Anticonvulsant	4
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2
AntiCTS	1
Antidandruff	4
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	8
Antidepressant?	1
Antidermatic	2
Antidermatitic	5
Antidermatotic	1
Antidiabetic	11
Antidiarrheic	3
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1

Activity	Chemical Count
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	2
Antieczemic	4
Antiedemic	13
Antielastase	1
Antiemetic	1
Antiencephalitic	1
Antiencephalopathic	4
Antiendometriotic	2
Antiendotoxic	1
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antiescherichic	5
Antiesophagitic	1
Antiestrogenic	4
Antifatigue	9
Antifeedant	15
Antifertility	3

Activity	Chemical Count
Antifibrinolytic	3
Antifibromyalgic	2
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	3
Antiflu	7
Antifuruncular	1
Antigallstone	2
Antigastritic	4
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	3
Antiglaucomic	2
Antiglossitic	1
Antiglutamaergic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
Antigranular	1
AntiGTF	1
Antihalitotic	3
Antihangover	4
Antiheartburn	1
Antihelicobacter	2
Antihemolytic	3
Antihemorrhagic	1

Activity	Chemical Count
Antihepatitic	2
Antihepatoadenomic	1
Antihepatocarcinogenic	1
Antihepatotoxic	16
Antiherpetic	14
Antiherpetic?	1
Antihistaminic	13
AntiHIV	17
Antihyperactivity	1
Antihypercholesterolemic	3
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	3
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihyperthyroid	4
Antihypoglycemic	1
Antiichthyosic	1
Antiichthyotic	1
Antielus?	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	39
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1

Activity	Chemical Count
Antiintegrase	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antilaryngitic	1
AntiLegionella	2
Antileishmanic	4
Antileptic	3
Antileukemic	13
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	6
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	6
Antilisteria	1
Antilithic	4
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphomic	6
Antimaculitic	4
Antimalarial	7
Antimange	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1

Activity	Chemical Count
Antimelanogenic	2
Antimelanomic	6
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	5
Antimetastatic (Stomach)	1
Antimigraine	4
Antimite	2
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	2
Antimutagenic	21
Antimyalgic	1
Antimyocarditic	1
Antineoplastic	1
Antinephritic	4
Antinephrolytic	1
Antineuralgic	5
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	8

Activity	Chemical Count
Antinitrosic	1
Antinociceptive	7
Antinyctalopic	1
Antiobesity	7
Antiobesity?	1
Antiodontalgic	1
Antioncychomycotic	1
Antionychyotic	2
Antiophidic	4
Antiorchitic	1
Antiosteoarthritic	3
Antiosteoporotic	9
Antiosteotic	1
Antiotitic	1
Antiototic	1
Antioxidant	46
Antioxidant (LDL)	2
Antioxidant Synergist	1
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antiperiodic	1
Antiperiodontal	1
Antiperiodontic	3
Antiperiodontitic	4

Activity	Chemical Count
Antiperistaltic	1
Antiperoxidant	9
AntiPGE2	1
Antipharyngitic	1
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	8
Antiplasmodial	6
AntiPMS	4
Antipneumonic	2
Antipodagric	1
Antipodriac	1
Antipolio	3
Antipoliomyelitic	2
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	9
Antiproliferative	2
Antiprostaglandin	4
Antiprostataadenomic	1
Antiprostatitic	4
Antiprostatotic	1
Antiproteolytic	2
Antipruritic	3
Antipsoriac	3

Activity	Chemical Count
Antipulmonotic	1
Antipyretic	5
Antiradicular	16
AntiRaynaud's	3
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	9
Antirheumatitic?	1
Antirhinitic	2
Antirhinoviral	2
Antisalmonella	4
Antisarcomic	1
Antisclerodermic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	2
Antiseptic	31
Antiserotonin	1
Antishingles	1
Antishock	3
Antisickling	4
Antisilicotic	1
Antisinusitic	2
Antispare-Tire	1
Antispasmodic	32

Activity	Chemical Count
Antispasmodic	1
Antistaphylococcal	10
Antistomatitic	2
Antistreptococcal	5
Antistress	5
Antistroke	2
Antisunburn	2
Antisyndrome-X	6
Antitartar	1
AntiTGF-beta	2
Antithiamin	1
Antithrombic	1
Antithromboxane	1
Antithyrotropic	1
Antithyroid	5
Antitoxic	1
Antitinnitic	1
Antitrichinosic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitubercular	2
Antitumor	30
Antitumor (brain)	3
Antitumor (Breast)	8
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	9

Activity	Chemical Count
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Kidney)	2
Antitumor (Liver)	3
Antitumor (Lung)	8
Antitumor (Ovary)	2
Antitumor (Pancreas)	4
Antitumor (Prostate)	4
Antitumor (Skin)	6
Antitumor (Stomach)	5
Antitumor (Thyroid)	1
Antitumor-Promoter	8
Antitussive	6
Antitympanic	1
Antiulcer	20
Antiulcerogenic	2
Antiuremic	1
Antivaccinia	1
Antivaginitic	2
Antivertigo	1
Antiviral	27
Antiviral?	1
Antivulvitic	1
Antixerophthalmic	1
Antiyeast	2
Anxiolytic	8
AP-1-Inhibitor	1

Activity	Chemical Count
Aphidifuge	2
Apoptotic	11
Aromatase-Inhibitor	4
Artemicide	2
Arteriodilator	1
Ascaricide	2
Asthma-preventive	1
Astringent	4
Ataxigenic	1
Autotoxic	1
Bacteriostatic	1
Bacteristat	2
Barbituate-Synergist	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	4
Beta-Glucuronidase-Inhibitor	5
Bradycardic	1
Bronchodilator	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorelaxant	2
Bronchorrhic	1
Bruchiphobe	1
Calcium-Antagonist	9
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1

Activity	Chemical Count
Cancer-Preventive	46
Candida-SAP-Inhibitor	1
Candidicide	13
Candidistat	2
Carcinogenic	7
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	12
Cardiotonic	2
Cardiotoxic	1
Carminative	4
Caspase-3-Inducer	1
Caspase-8-Inducer	1
Catabolic	1
Cerebrodepressant	1
Chelator	1
Chemopreventive	9
Cholagogue	4
Choleretic	13
Cholesterolytic	1
Cicatrizant	1
Ciliotoxic	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	6
CNS-Paralytic	1

Activity	Chemical Count
CNS-Stimulant	7
CNS-Toxic	1
Co-carcinogenic	1
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Colorant	1
Comedolytic	2
COMP-Inhibitor	1
Congestant	1
Contraceptive	1
Convulsant	6
Copper-Antagonist	1
Cosmetic	2
Counterirritant	5
COX-1-Inhibitor	5
COX-2-Inhibitor	8
Culicide	3
Cyclooxygenase-Inhibitor	9
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-Inducer	2
Cytoprotective	1
Cytostatic	1
Cytotoxic	14
Decongestant	2
Decongestant?	1

Activity	Chemical Count
Degranulant	1
Deiodinase-Inhibitor	4
Deliriant	1
Demulcent	1
Dentifrice	2
Deodorant	3
Depressant	1
Dermal	1
Dermatitigenic	4
Detoxicant	3
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	1
Differentiator	2
Diuretic	13
DNA-Active	1
DNA-Protective	2
Ecbolic	1
Edemagenic	1
Elastase-Inhibitor	2
Embryotoxic	1
Emetic	3
Emmenagogue	4
Encephalopathic	1
Energizer	1
Enterocontractant	2
Enterorelaxant	2

Activity	Chemical Count
Enterotoxic	1
Epileptigenic	2
Ergogenic	1
Erythrocytogenic	1
Estrogenic	7
Expectorant	14
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	26
Floral-Inhibitor	1
Fungicide	26
Fungiphilic	1
Fungistat	1
GABA-nergic	1
Gastroirritant	1
Gastroprotective	5
Gastrosedative	1
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	2
Glutathionigenic	1
Gonadotrophic	1
Gram(+)icide	3
Gram(-)icide	3
GST-Inducer	1
Hallucinogenic	1

Activity	Chemical Count
Hemolytic	1
Hemopoietic	1
Hemostat	3
Hemostatic	2
Hepatocarcinogenic	1
Hepatoprotective	16
Hepatotonic	1
Hepatotoxic	1
Hepatotropic	2
Herbicide	13
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	1
HIV-RT-Inhibitor	1
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	1
Hypertensive	1
Hyperthermic	1
Hypnotic	1
Hypocholesterolemic	18
Hypocholesterolemic?	1
Hypoglycemic	10
Hypolipemic	2
Hypolipidemic	3
Hypotensive	11
Hypothermic	2

Activity	Chemical Count
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Immunomodulator	12
Immunostimulant	11
Immunosuppressant	4
Inflammatory	1
Inhalant	1
iNOS-Inhibitor	2
Inotropic	1
Insect-Repellent	2
Insecticide	9
Insectifuge	28
Insectiphile	3
Insulin-Sparing	1
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	3
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	19
Juvabional	3
Keratolytic	1
Larvicide	6
Larvostat	1
Laxative	6
Laxative?	1

Activity	Chemical Count
Leptingenic	1
Leucocytogenic	2
Leukotriene-Inhibitor	2
Lipolytic	1
Lipoxygenase-Inhibitor	10
Lithogenic	1
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
MAO-Inhibitor	2
MAPK-Inhibitor	2
Memorigenic	1
Metal-Chelator	4
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Molluscicide	1
Monoamine-Precursor	1
Mosquitocide	2
Mosquitofuge	2
Motor-Depressant	3
Motor-Stimulant	1
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	1
Mycobactericide	2

Activity	Chemical Count
Myorelaxant	12
NADH-Oxidase-Inhibitor	1
Nematicide	15
NEP-Inhibitor	1
Nephrotoxic	1
Neurodepressant	1
Neuroinhibitor	1
Neuropathogenic	1
Neuroprotective	2
Neurotoxic	2
Neurotransmitter	1
NF-kB-Inhibitor	6
NO-Genic	2
NO-Inhibitor	4
NO-Synthase-Inhibitor	1
Nociceptive	1
Nodulation-Signal	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	9
Osteoblastogenic	1
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	5

Activity	Chemical Count
P450-Inducer	3
Parasiticide	1
Pediculicide	1
Percutaneostimulant	1
Perfume	2
Perfumery	29
Peristaltic	2
Pesticide	68
Phagocytotic	3
Pheromonal	1
Photosensitizer	1
Piscicide	2
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	2
Potassium-Sparing	1
PPAR-Gamma-Antagonist	1
Preservative	1
Progestational	1
Proliferant	1
Prooxidant	4
Propecic	5
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	4
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1

Activity	Chemical Count
Protease-Inhibitor	4
Protein-Kinase-C-Inhibitor	3
Protisticide	1
Psychotropic	1
PTK-Inhibitor	2
Purgative	1
Quinone-Reductase-Inducer	4
Radioprotective	2
Refrigerant	1
Renoirritant	1
Renotoxic	1
Respirainhibitor	2
Respirastimulant	1
Rubefacient	3
Schizophrenigenic	1
Secretagogue	1
Sedative	20
Serotoninerpic	1
Sialogogue	1
Soap	1
Sodium-Sparing	1
Spasmogenic	7
Spermicide	2
Spermigenic	1
Sprout-Inhibitor	1
Stimulant	1
Styptic	1

Activity	Chemical Count
Succinoxidase-Inhibitor	1
Sunscreen	5
Suppository	1
Surfactant	1
Sweetener	1
Taenicide	1
Teratogenic	1
Termiticide	3
Termitifuge	3
Testosterone-Hydroxylase-Inducer	1
Testosterone-Inducer	1
Testosteronigenic	1
Thermogenic	1
Thymoprotective	1
Tineacide	1
TNF-alpha-Inhibitor	3
TOPO-2-Inhibitor	1
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	2
Toxic	2
Tracheorelaxant	1
Tranquilizer	4
Transdermal	7
Trichomonicide	8
Trypanocide	2
Tumor-Promoter	2

Activity	Chemical Count
Tumorigenic	1
Tyrosinase-Inhibitor	2
Ubiquiot	3
Ulcerogenic	2
Uricosuric	2
Urinary-Acidulant	1
Urinary-Antiseptic	1
Uterorelaxant	1
Uterosedative	1
Uterotonic	1
Uterotrophic	1
Varroacide	2
Vasodilator	8
Vasopressor	2
VEGF-Inhibitor	3
Vermicide	1
Verrucolytic	1
Vibriocide	2
Vulnerary	6
Xanthine-Oxidase-Inhibitor	8