

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

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	3
Vulnerary	5
VEGF-Inhibitor	2
Vasodilator	7
Uterotrophic	1
Uterorelaxant	1
Urine-Deodorant	1
Urine-Acidifier	1
Urinary-Acidulant	1
Uricosuric	2
Ubiquit	1
Tyrosinase-Inhibitor	1
Tumorigenic	1
Trichomonicide	1
Tremorigenic	1
Tranquilizer	2
Topoisomerase-II-Inhibitor	1
Topoisomerase-I-Inhibitor	1
TNF-alpha-Inhibitor	1
Thymoprotective	1
Testosteronigenic	1
Systolic-Depressant	1
Sweetener	1
Sunscreen	3
Spermigenic	2
Serotoninerpic	1
Sedative	3

Activity	Chemical Count
Roborant	1
Radioprotective	2
Quinone-Reductase-Inducer	1
PTK-Inhibitor	1
Psychotropic	1
Protein-Kinase-C-Inhibitor	2
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandin-Sparer	1
Prostaglandigenic	2
Prooxidant	3
Progestational	1
Polyamine-Synthesis-Inhibitor	2
PKC-Inhibitor	1
Pituitary-Stimulant	1
Phagocytotic	1
Pesticide	12
Parasympathomimetic	1
P21-Inducer	1
Oxytocic?	1
Oxidant	2
Oviposition-Stimulant	1
Osteogenic	1
Ornithine-Decarboxylase-Inhibitor	5
Ophthalmic-Antialkali	1
Nodulation-Signal	1
NO-Synthase-Inhibitor	1
NO-Genic	2

Activity	Chemical Count
NF-kB-Inhibitor	3
Neurotransmitter	1
Neurotoxic	1
Neuroprotective	1
Neuroinhibitor	1
Neuroexcitant	1
NADH-Oxidase-Inhibitor	1
Myorelaxant	2
Mutagenic	1
Musculotropic	1
Mucolytic	1
Mucogenic	3
Monoamine-Precursor	2
Metal-Chelator	2
Memorigenic	2
MAPK-Inhibitor	1
MAO-Inhibitor	2
Lyase-Inhibitor	1
Litholytic	1
Lithogenic	1
Lipoxygenase-Inhibitor	5
Lipotropic	3
Leukotriene-Inhibitor	2
Leptogenic	1
Laxative	2
Larvostat	1
Lactagogue	1

Activity	Chemical Count
Juvabional	1
Interleukin-6-Inhibitor	1
Interferonogenic	2
Interferon-Synergist	1
Insulinogenic	3
Insectifuge	3
Inotropic	1
iNOS-Inhibitor	1
Immunosuppressant	2
Immunostimulant	8
Immunomodulator	6
Ileorelaxant	1
IKK-Inhibitor	1
ICAM-1-Inhibitor	1
Hypotensive	8
Hypolipidemic	1
Hypoglycemic	5
Hypocholesterolemic	5
Hypoarginanemic	1
Hypoammonemic	1
Hypertensive	1
Hyaluronidase-Inhibitor	1
Histamine-Inhibitor	2
HIF-1alpha-Inhibitor	1
Hepatotropic	1
Hepatotoxic	1
Hepatoprotective	7

Activity	Chemical Count
Hepatocarcinogenic	1
Glutathionigenic	1
Glutathionergic	1
Glucosyl-Transferase-Inhibitor	1
Gastroprotective	1
Fungicide	4
FLavor	2
Fistula-Preventive	1
Fibrinolytic	1
Expectorant	1
Ethanolytic	1
Estrogenic	1
Essential	7
Erythrocytogenic	1
Ergogenic	1
Energizer	1
Emmenagogue	2
Emetic	1
DNA-Protective	2
DNA-Active	1
Diuretic	9
Differentiator	1
Diaphoretic?	1
Detoxicant (Alcohol)	1
Detoxicant	2
Depressant	1
Deodorant	1

Activity	Chemical Count
Deiodinase-Inhibitor	2
Cytotoxic	4
Cytoprotective	1
Cytochrome-P450-1A1-Inhibitor	1
Cyclooxygenase-Inhibitor	2
COX-2-Inhibitor	4
COX-1-Inhibitor	3
Copper-Antagonist	1
Colorant	1
Collagenic	2
Collagen-Sparing	2
Cold-preventive	1
Co-carcinogenic	1
CNS-Stimulant	1
CNS-Depressant	2
CNS-Active	2
Clastogenic	2
Circulotonic	1
Cholinergic	1
Choleretic	4
Cholagogue	2
Chemopreventive	4
Chelator	1
Cerebrotonic	1
Cardiotoxic	1
Cardiotonic	1
Cardioprotective	9

Activity	Chemical Count
Cardiomyopathogenic	1
Cardiodepressant	1
Carcinogenic	2
Cancer-Preventive	17
Calcium-Channel-Blocker	1
Calcium-Antagonist?	1
Calcium-Antagonist	5
Bruchiphobe	1
Beta-Glucuronidase-Inhibitor	2
Beta-Blocker	1
Beta-Adrenergic Receptor Blocker	1
Autotoxic	1
Astringent	1
Asthma-preventive	1
Aromatase-Inhibitor	1
Apoptotic	4
Aphrodisiac	1
AP-1-Inhibitor	1
Anxiolytic	9
Antixerophthalmic	1
Antivertigo	1
Antiviral?	1
Antiviral	6
Antivertigo	1
Antivaccinia	1
Antiuremic	2
Antiulcerogenic	2

Activity	Chemical Count
Antiulcer	10
Antitumor-Promoter	3
Antitumor (Stomach)	1
Antitumor (Skin)	3
Antitumor (Prostate)	2
Antitumor (Lung)	4
Antitumor (Liver)	1
Antitumor (Gastric)	1
Antitumor (Forestomach)	1
Antitumor (Colon)	2
Antitumor (CNS)	1
Antitumor (Breast)	3
Antitumor (brain)	1
Antitumor	8
Antitriglyceride	2
Antitinnitic	1
Antitic	1
Antithyroid	4
Antithyrotropic	1
Antithiamin	1
Antisyndrome-X	6
Antisunburn	2
Antistroke	2
Antistress	5
Antistomatitic	2
Antisteatotic	1
Antistaphylococcic	1

Activity	Chemical Count
Antispasmodic	1
Antispasmodic	7
Antispare-Tire	1
Antisickling	2
Antishock	1
Antishingles	1
Antiseptic	6
Antiscotomic	1
Antiscorbutic	1
Antirhinitic	1
Antirheumatic	5
Antiretinotic	1
Antiretinopathic	1
Antiretardation	1
Antirenitic	1
AntiRaynaud's	3
Antiradicular	7
Antipyretic	1
Antipulmonotic	1
Antipsoriac	1
Antipruritic	1
Antiproteolytic	1
Antiprostatitic	3
Antiprostaglandin	2
Antiproliferant	5
Antiprolactin	1
Antiporphyrin	1

Activity	Chemical Count
Antipoliomyelitic	1
Antipolio	1
Antipodriac	1
Antipneumonic	1
AntiPMS	4
Antiplaque	3
Antipityriasic	1
Antiphotophobic	2
Antiphenylketonuric	1
Antiperoxidant	3
Antiperistaltic	1
Antiperiodontitic	3
Antipellagic	3
Antiparotitic	1
Antiparkinsonian	6
Antipapillomic	1
Antiozenic	1
Antioxidant?	2
Antioxidant (LDL)	1
Antioxidant	16
Antiototic	1
Antiosteoporotic	7
Antiosteoarthritic	2
Antiorchitic	1
Antiophthalmic	1
Antiophidic	2
Antionychyotic	1

Activity	Chemical Count
Antiobesity	4
Antinyctalopic	1
Antinociceptive	1
Antinitrosic	1
Antinitrosaminic	3
AntiNF-kB	1
Antineurotic	1
Antineuropathic	1
Antineuramidase	1
Antineuralgic	1
Antinephrolytic	1
Antinephritic	3
Antimyotrophic	1
Antimyalgic	1
Antimutagenic	7
AntiMS	1
Antimorphinic	1
Antimitral-valve-prolapse	1
Antimigraine	3
Antimetastatic	3
Antimenorrhagic	1
Antimenopausal	4
AntiMeniere's	1
Antimelanomic	2
Antimelanogenic	2
Antimeasles	1
Antimastitic	1

Activity	Chemical Count
Antimastalgic	1
Antimanic	1
Antimaculitic	4
Antilymphomic	1
AntiLyme	4
Antilupus	1
Antilithic	3
Antilipoperoxidant	2
Antilipolytic	1
Antileukotriene	4
Antileukoplakic	1
Antileukonychic	1
Antileukemic	4
Antileptic	2
AntiLegionella	2
Antikeshan	1
Antikeratitic	1
Antiintegrase	1
Antiinsomnic	1
Antiinsomniac	3
Antiinflammatory	8
Antiinfertility	3
Antiinfective	1
Antiimpotence	2
Antiichthyotic	1
Antihypoglycemic	1
Antihyperthyroid	3

Activity	Chemical Count
Antihypertensive	6
Antihyperkinetic	2
Antihyperkeratotic	1
Antihypercholesterolemic	2
Antihyperammonemic	1
Antihyperactivity	1
Antihomocystinuric	1
Antihomocysteine	1
AntiHIV	7
Antihistaminic	5
Antiherpetic?	1
Antiherpetic	6
Antihepatotoxic	6
Antihepatotic	1
Antihepatoadenomic	1
Antihepatitic	2
Antihemorrhagic	1
Antihemolytic	3
Antihangover	3
Antigout	1
Antigonadotropic	3
Antiglycosuric	1
Antiglossitic	1
Antiglaucomic	2
Antigingivitic	1
Antigenotoxic	1
Antigastrotic	1

Activity	Chemical Count
Antigastritic	3
Antigallstone	1
Antifuruncular	1
Antiflu	1
Antifibrotic	3
Antifibromyalgic	1
Antifertility	1
Antifeedant	1
Antifatigue	4
Antiestrogenic	1
Antiescherichic	1
Antiepileptic	5
Antienterotic	1
Antiendometriotic	2
Antiencephalopathic?	1
Antiencephalopathic	6
Antiencephalitic	1
Antielastase	1
Antiedemic	3
Antieczemic	3
AntiEBV	1
Antidysphagic	1
Antidysmenorrhic	1
Antidyskinetic	2
Antidysgeuzic	1
Antidysenteric	1
Antidote (Paraquat)	1

Activity	Chemical Count
Antidote (Paracetamol)	1
Antidote (Mercury)	1
Antidote (Lead)	3
Antidote (Hypoglycin-A)	1
Antidote (Cadmium)	2
Antidote (Aluminum)	2
Antidote (Acetaminophen)	1
Antidiscotic	1
Antidiarrheic	1
Antidiabetic?	1
Antidiabetic	8
Antidermatitic	2
Antidepressant?	1
Antidepressant	8
Antidementia	4
Antidecubitic	2
Antidandruff	2
Anticytotoxic	1
Anticystinuric	1
AntiCTS	1
AntiCrohn's	2
Anticoronary	4
Anticorneotic	1
Anticonvulsant	2
Anticomplementary	2
Anticolitic	1
Anticold	2

Activity	Chemical Count
Anticoeliac	1
Anticoagulant	1
Anticlimacteric	4
Anticlastogen	1
Anticirrhotic	2
Antichoreic	1
Antichilblain	1
Anticheilitic	2
AntiCFS	3
Anticervicaldysplasic	3
Anticephalagic	2
Anticataract	7
Anticarpal-Tunnel	1
Anticariogenic	1
Anticarcinomic	1
Anticarcinogenic	2
Anticanker	2
Anticancer (Skin)	1
Anticancer (Lung)	1
Anticancer (Liver)	1
Anticancer (Forestomach)	1
Anticancer (Colon)	1
Anticancer	3
AntiBPH	1
Antibiotic	1
Antibacterial	7
Antiatherosclerotic	7

Activity	Chemical Count
Antiatherogenic	1
Antiasthmatic	4
Antiarthritic	8
Antiarteriosclerotic	2
Antiarrhythmic	4
Antiarabiflavinotic	1
Antianxiety	2
Antianorexic	1
Antianorectic	1
Antiangiogenic	3
Antianginal	2
Antianemic	2
Antianaphylactic	1
Antiamblyopic	1
Antialzheimeran	5
Antialopepic	1
Antiallergic	5
Antialkalotic	1
Antialkali?	1
Antialdosteronic	1
Antialcoholic	3
Antiakathisic	1
Antiaging	5
Antiaggregant	6
AntiAGE	2
Antiaflatoxin	1
Antiadenoviral	1

Activity	Chemical Count
AntiAddisonian	1
AntiADD	2
Antiacrodynic	1
Antiacrodermatitic	1
Antiacne	4
Antiacid	1
Anthelmintic	1
Anorexic	1
Angiotensin-Receptor-Blocker	2
Androgenic?	1
Analgesic	6
Amphiglycemic?	1
Allergenic	4
Allelopathic	1
Allelochemic	1
Aldose-Reductase-Inhibitor	5
Adenylate-Cyclase-Inhibitor	1
Acidulant	1
ACE-Inhibitor	1
Abortifacient	1
ABeta-Inhibitor	1
11B-HSD-Inhibitor	1
(-)-Inotropic	1
(-)-Chronotropic	1