

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

<b>Activity</b>	<b>Chemical Count</b>
Cancer-Preventive	17
Antioxidant	16
Pesticide	12
Antiulcer	10
Cardioprotective	9
Diuretic	9
Anxiolytic	9
Antidepressant	8
Immunostimulant	8
Hypotensive	8
Antiinflammatory	8
Antiarthritic	8
Antitumor	8
Antidiabetic	8
Hepatoprotective	7
Anticataract	7
AntiHIV	7
Essential	7
Antiatherosclerotic	7
Antispasmodic	7
Antiradicular	7
Antiosteoporotic	7
Antimutagenic	7
Antibacterial	7
Vasodilator	7
Antihypertensive	6
Antiaggregant	6

Activity	Chemical Count
Antisyndrome-X	6
Antiviral	6
Antitherpetic	6
Immunomodulator	6
Antiseptic	6
Analgesic	6
Antiparkinsonian	6
Antihepatotoxic	6
Antiencephalopathic	6
Hypoglycemic	5
Vulnerary	5
Antirheumatic	5
Antiallergic	5
Antiepileptic	5
Hypocholesterolemic	5
Antialzheimeran	5
Antistress	5
Lipoxygenase-Inhibitor	5
Ornithine-Decarboxylase-Inhibitor	5
Antiaging	5
Antihistaminic	5
Calcium-Antagonist	5
Aldose-Reductase-Inhibitor	5
Antiproliferant	5
Antifatigue	4
Antithyroid	4
Antiobesity	4

Activity	Chemical Count
Choleretic	4
Antiasthmatic	4
Antiacne	4
Anticoronary	4
Antiarrhythmic	4
Antitumor (Lung)	4
COX-2-Inhibitor	4
Apoptotic	4
Fungicide	4
Antidementia	4
Anticlimacteric	4
Allergenic	4
Antimenopausal	4
AntiLyme	4
Antileukotriene	4
AntiPMS	4
Cytotoxic	4
Antimaculitic	4
Antileukemic	4
Chemopreventive	4
Antigonadotropic	3
Antipellagic	3
Lipotropic	3
AntiCFS	3
Sunscreen	3
Antiprostatic	3
Insulinogenic	3

Activity	Chemical Count
Mucogenic	3
Antiplateque	3
Antiedemic	3
AntiRaynaud's	3
Sedative	3
Prooxidant	3
Antihangover	3
Antiangiogenic	3
Antimigraine	3
Anticervicaldysplasic	3
Antifibrotic	3
Antilithic	3
Insectifuge	3
Antieczemic	3
Antinephritic	3
Antitumor (Skin)	3
Antiinfertility	3
Antiperiodontitic	3
Antihyperthyroid	3
Antidote (Lead)	3
NF-kB-Inhibitor	3
Anticancer	3
Xanthine-Oxidase-Inhibitor	3
Antinitrosaminic	3
Antitumor-Promoter	3
Antiperoxidant	3
Antiinsomniac	3

Activity	Chemical Count
Antimetastatic	3
Antitumor (Breast)	3
COX-1-Inhibitor	3
Antigastritic	3
Antialcoholic	3
Antihemolytic	3
Antiphotophobic	2
Antiarteriosclerotic	2
Antitumor (Prostate)	2
Angiotensin-Receptor-Blocker	2
MAO-Inhibitor	2
Antitumor (Colon)	2
Cyclooxygenase-Inhibitor	2
Antitriglyceride	2
Antioxidant?	2
Collagenic	2
Antiosteoarthritic	2
Radioprotective	2
CNS-Depressant	2
AntiADD	2
Antiendometriotic	2
Antistroke	2
Antihepatic	2
Polyamine-Synthesis-Inhibitor	2
Anticonvulsant	2
Carcinogenic	2
Antidyskinetic	2

Activity	Chemical Count
Antianxiety	2
Memorigenic	2
Detoxicant	2
Antianemic	2
Antiglaucomic	2
Laxative	2
NO-Genic	2
Antihypercholesterolemic	2
Antidermatitic	2
Interferonogenic	2
Anticancer	2
Antiophidic	2
Antidandruff	2
Antileptic	2
Uricosuric	2
Antisickling	2
Monoamine-Precursor	2
Anticold	2
Antiimpotence	2
Histamine-Inhibitor	2
Deiodinase-Inhibitor	2
Anticirrhotic	2
Oxidant	2
Antihyperkinetic	2
Antidote (Cadmium)	2
Antimelanomic	2
Leukotriene-Inhibitor	2

Activity	Chemical Count
Spermigenic	2
Collagen-Sparing	2
AntiAGE	2
Antiprostaglandin	2
CNS-Active	2
Myorelaxant	2
Cholagogue	2
VEGF-Inhibitor	2
Antiuremic	2
Anticomplementary	2
Beta-Glucuronidase-Inhibitor	2
Anticheilitic	2
Protein-Kinase-C-Inhibitor	2
Immunosuppressant	2
Antisunburn	2
AntiLegionella	2
DNA-Protective	2
Metal-Chelator	2
Antianginal	2
Tranquilizer	2
Antidote (Aluminum)	2
Antimelanogenic	2
Anticephalagic	2
Anticarcinogenic	2
FLavor	2
Antidecubitic	2
Antilipoperoxidant	2

Activity	Chemical Count
Clastogenic	2
Prostaglandigenic	2
Antistomatitic	2
Emmenagogue	2
Antiulcerogenic	2
AntiCrohn's	2
Pituitary-Stimulant	1
Antiintegrase	1
AntiEBV	1
Urinary-Acidulant	1
Antispare-Tire	1
Antimyotrophic	1
Differentiator	1
Anticolitic	1
Antiinfective	1
Hyaluronidase-Inhibitor	1
Calcium-Channel-Blocker	1
Antidysenteric	1
Antianorectic	1
Trichomonicide	1
Antiscotomic	1
Antimitral-valve-prolapse	1
Deodorant	1
Anticlastogen	1
Allelopathic	1
Oxytocic?	1
Beta-Blocker	1



Activity	Chemical Count
Antidote (Hypoglycin-A)	1
Antiamblyopic	1
TNF-alpha-Inhibitor	1
Antiretinopathic	1
AntiMeniere's	1
Antigenotoxic	1
ACE-Inhibitor	1
Ophthalmic-Antialkali	1
Aromatase-Inhibitor	1
Antidiarrheic	1
Antialkali?	1
Antipyretic	1
Antimastalgic	1
Lactagogue	1
Antiflu	1
Anticariogenic	1
(-)-Chronotropic	1
Neurotransmitter	1
Antihyperactivity	1
Gastroprotective	1
Antixerophthalmic	1
Antilupus	1
Anticancer (Lung)	1
NADH-Oxidase-Inhibitor	1
Antiherpetic?	1
Expectorant	1
Prostaglandin-Synthesis-Inhibitor	1

Activity	Chemical Count
Antipoliomyelitic	1
Antileukoplakic	1
AntiBPH	1
AntiNF-kB	1
Ergogenic	1
Antivaccinia	1
Anticystinuric	1
Anthelmintic	1
Antikeshan	1
Cardiotoxic	1
Urine-Deodorant	1
Antispasmophilic	1
Antinephrolytic	1
DNA-Active	1
Antitumor (Stomach)	1
Antiperistaltic	1
Hypoammonemic	1
Tyrosinase-Inhibitor	1
Antishingles	1
AntiMS	1
Antitumor (Gastric)	1
Anticoagulant	1
Amphiglycemic?	1
Parasympathomimetic	1
Antihypoglycemic	1
Hepatotropic	1
Bruchiphobe	1

Activity	Chemical Count
Antidote (Mercury)	1
Topoisomerase-II-Inhibitor	1
Antimenorrhagic	1
Lithogenic	1
Cytoprotective	1
Antitumor (brain)	1
Antichilblain	1
Adenylate-Cyclase-Inhibitor	1
Osteogenic	1
Antipapillomic	1
Glutathionergic	1
Astringent	1
Antidote (Acetaminophen)	1
Systolic-Depressant	1
Antimeasles	1
Copper-Antagonist	1
Antigallstone	1
11B-HSD-Inhibitor	1
Antiototic	1
AP-1-Inhibitor	1
Antiakathic	1
Antipruritic	1
Antilymphomic	1
Co-carcinogenic	1
Antifertility	1
Neuroinhibitor	1
Fistula-Preventive	1

Activity	Chemical Count
Antiadenoviral	1
Psychotropic	1
Antiprolactin	1
Antilipolytic	1
iNOS-Inhibitor	1
Circulotonic	1
Anticancer (Colon)	1
Musculotropic	1
Antinitrosic	1
Antihepatotic	1
Antipneumonic	1
IKK-Inhibitor	1
Chelator	1
Antiencephalitic	1
Uterotrophic	1
Antisteatotic	1
Antineuramidase	1
Emetic	1
Antiphenylketonuric	1
Antiinsomnic	1
Cardiomyopathogenic	1
Antidysphagic	1
Antimyalgic	1
Diaphoretic?	1
Androgenic?	1
Phagocytotic	1
Calcium-Antagonist?	1

Activity	Chemical Count
Antidote (Paraquat)	1
Tremorigenic	1
Antiscorbutic	1
Lyase-Inhibitor	1
Antiglycosuric	1
Antitumor (CNS)	1
Allelochemic	1
Antiparotitic	1
Hepatocarcinogenic	1
Beta-Adrenergic Receptor Blocker	1
Thymoprotective	1
Antiretardation	1
Antigastrotic	1
Antitinnitic	1
Abortifacient	1
Nodulation-Signal	1
Antioxidant (LDL)	1
Antidiabetic?	1
Antialdosteronic	1
Antipulmonotic	1
Antimanic	1
Juvabional	1
Anticarcinomic	1
Neurotoxic	1
Antiorchitic	1
Antihomocystinuric	1
Antivittilgic	1

Activity	Chemical Count
Quinone-Reductase-Inducer	1
Antiandrogenic	1
Anticancer (Liver)	1
Antithyrotropic	1
Antinychalopic	1
Ethanolitic	1
Antiacrodynic	1
Prostaglandin-Sparer	1
Antipolio	1
Antileukonychic	1
Antiencephalopathic?	1
Antibiotic	1
Antineurotic	1
Antihemorrhagic	1
Energizer	1
AntiCTS	1
Anorexic	1
PKC-Inhibitor	1
Antipityriasis	1
Antikeratitic	1
Hypolipidemic	1
Cardiotonic	1
Urine-Acidifier	1
Hypertensive	1
Antidysgeuzic	1
Antianorexic	1
Tumorigenic	1

Activity	Chemical Count
Antimorphinic	1
MAPK-Inhibitor	1
Depressant	1
Antitumor (Forestomach)	1
P21-Inducer	1
Hepatotoxic	1
Antianaphylactic	1
Topoisomerase-I-Inhibitor	1
Antiretinotic	1
Cytochrome-P450-1A1-Inhibitor	1
Antigingivitic	1
Acidulant	1
Antiozenic	1
Glucosyl-Transferase-Inhibitor	1
Asthma-preventive	1
Antidiscotic	1
Antialkalotic	1
Sweetener	1
Antimastitic	1
Larvostat	1
Colorant	1
Antifuruncular	1
Anticarpal-Tunnel	1
(-)-Inotropic	1
Antihyperammonemic	1
Antidepressant?	1
Roborant	1

Activity	Chemical Count
Antiproteolytic	1
Interferon-Synergist	1
CNS-Stimulant	1
Antifeedant	1
Anticancer (Skin)	1
Antitic	1
Neuroexcitant	1
Antionychotic	1
Fibrinolytic	1
Anticytotoxic	1
AntiAddisonian	1
Antiporphyrin	1
Cholinergic	1
Antienterotic	1
Mucolytic	1
Antihepatoadenomic	1
Erythrocytogenic	1
Antivertigo	1
Antiacid	1
Progestational	1
ICAM-1-Inhibitor	1
Cerebrotonic	1
Antielastase	1
Antiatherogenic	1
Uterorelaxant	1
Antistaphylococcic	1
Antineuralgic	1



Activity	Chemical Count
Antigout	1
Anticorneotic	1
Hypoarginanemic	1
Cardiodepressant	1
Antidysmenorrhic	1
Antiarabiflavinotic	1
Ubiquiot	1
Antishock	1
Detoxicant (Alcohol)	1
Antitumor (Liver)	1
Anticoeliac	1
Antiichthyotic	1
HIF-1alpha-Inhibitor	1
Antidote (Paracetamol)	1
Antirhinitic	1
Litholytic	1
Antiglossitic	1
Antichoreic	1
Oviposition-Stimulant	1
Glutathionigenic	1
Autotoxic	1
Antialopepic	1
Testosteronigenic	1
Antirenitic	1
Leptingenic	1
ABeta-Inhibitor	1
NO-Synthase-Inhibitor	1

Activity	Chemical Count
Antihyperkeratotic	1
Aphrodisiac	1
Serotonergic	1
Antipsoriac	1
Interleukin-6-Inhibitor	1
Cold-preventive	1
Antifibromyalgic	1
Neuroprotective	1
Antiophthalmic	1
Antihomocysteine	1
Antiaflatoxin	1
PTK-Inhibitor	1
Inotropic	1
Antiescherichic	1
Anticancer (Forestomach)	1
Antithiamin	1
Mutagenic	1
Antinociceptive	1
Estrogenic	1
Antiviral?	1
Antiacrodermatitic	1
Antipodriac	1
Ileorelaxant	1
Antineuropathic	1