

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Syzygium aromaticum***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	2
Abortifacient	2
Acaricide	6
ACE-Inhibitor	6
Acidulant	1
Adrenergic	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	20
Allelochemic	4
Allelopathic	2
Allergenic	14
Amphiglycemic?	1
Analgesic	11
Anaphrodisiac	1
Androgenic	2
Androgenic?	1
Anesthetic	7

Activity	Chemical Count
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	2
Antiacetylcholinesterase	3
Antiacne	7
Antiacrodermatitic	1
Antiadenomic	1
Antiadenovirus	1
Antiadrenalinic	1
Antiaflatoxin	5
AntiAGE	2
Antiaggregant	12
Antiaging	5
Antiakathisic	1
Antialcoholic	4
Antiallergenic	2
Antiallergic	9
Antialopepic	1
Antialzheimeran	4

Activity	Chemical Count
Antialzheimeran?	1
Antianaphylactic	4
Antiandrogenic	1
Antianemic	4
Antianginal	1
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	4
Antiarthritic	8
Antiasthmatic	7
Antiatherosclerotic	6
Antibackache	1
Antibacterial	31
Antiberiberi	1
Antibiotic	2
AntiBPH	1

Activity	Chemical Count
Antibronchitic	1
Anticancer	10
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Esophagus)	1
Anticancer (Lung)	1
Anticancer (Mouth)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinomic	3
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	9
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2

Activity	Chemical Count
Anticholinesterase	1
Anticirrhotic?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	3
Anticomplement	1
Anticomplementary	1
Anticonvulsant	4
Anticorneotic	1
Anticoronary	3
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	3
Antidepressant	5

Activity	Chemical Count
Antidermatitic	3
Antidiabetic	9
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Paraquat)	1
Antidote (Strychnine)	1
Antidrepanocytic	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidyspeptic	1
AntiEBV	1
Antieczemic	2
Antiedemic	9
Antielastase	3
Antiencephalitic	2

Activity	Chemical Count
Antiencephalopathic	2
Antiendometriotic	2
Antienterococcic	1
Antienterotic	1
Antiepileptic	3
Antiescherichic	4
Antiestrogenic	3
Antiexudative	1
Antifatigue	6
Antifeedant	8
Antifertility	3
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	3
Antifuruncular	1
Antigallstone	1
Antigastric	2
Antigastritic	2

Activity	Chemical Count
Antigastrotic	1
Antigenotoxic	2
Antigingivitic	9
Antiglaucomic	2
Antiglossitic	1
Antiglutamaergic	1
Antiglycosuric	1
Antigonadotrophic	2
Antigonadotropic	1
AntiGTF	2
Antihangover	3
Antiheartburn	1
Antihemorrhagic	4
Antihepatitic	1
Antihepatotoxic	10
Antiherpetic	11
Antiherpetic?	1
Antihistaminic	6
AntiHIV	13
Antihydrophobic	1

Activity	Chemical Count
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	7
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	26
Antiinsomniac	3
Antiischemic	2
Antikeratitic	1
Antikeratotic	1
Antiklebsielllic	1
Antilactobacillic	1
Antileishmanic	3

Activity	Chemical Count
Antileptic	2
Antileukemic	8
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	2
Antilipolytic	4
Antilipoperoxidant	2
Antilisteria	1
Antilithic	2
Antilupus	1
AntiLyme	4
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	3
Antimalarial	4
Antimange	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	1

Activity	Chemical Count
Antimenopausal	3
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	4
Antimite	2
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	17
Antimyocarditic	2
Antinephritic	2
Antinephrolytic	1
Antineuralgic	1
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
Antinitrosaminic	2

Activity	Chemical Count
Antinitrosating	1
Antinitrosic	1
Antinociceptive	5
Antinyctalopic	1
Antiobesity	5
Antiodontalgic	1
Antionychyotic	1
Antiophidic	3
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	9
Antiosteosclerotic	1
Antiototic	1
Antioxidant	27
Antiozenic	1
Antipancreatitic	1
Antipapillomic	1
Antiparkinsonian	1
Antiparotitic	1
Antipellagic	1

Activity	Chemical Count
Antipeptic	1
Antiperiodontal	1
Antiperiodontic	8
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	5
AntiPGE2	1
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	11
Antiplasmodial	4
AntiPMS	5
Antipneumonic	2
Antipodriac	2
Antipolio	3
Antipoliomyelitic	2
Antiporphyrhic	1
Antiprogestational	1

Activity	Chemical Count
Antiprolactin	1
Antiproliferant	4
Antiproliferative	1
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	3
Antiprostatotic	1
Antiproteolytic	1
Antipruritic	1
Antipseudomonic	1
Antipsoriac	2
Antipyretic	6
Antiradicular	15
AntiRaynaud's	2
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	4

Activity	Chemical Count
Antirhinitic	1
Antisalmonella	2
Antisarcomic	3
Antiscorbutic	1
Antiseptic	24
Antiserotonin	1
Antishingles	1
Antishock	1
Antisickling	3
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	14
Antispasmophilic	1
Antistaphylococcic	5
Antistomatitic	1
Antistreptococcic	4
Antistress	4
Antistroke	2
Antisyndrome-X	5
Antitartar	1

Activity	Chemical Count
AntiTGF-beta	1
Antithiamin	1
Antithrombic	1
Antithromboxane	1
Antithyroid	1
Antitic	1
Antitinnitic	1
AntiTNF	2
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	22
Antitumor (Bladder)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Gastric)	1
Antitumor (Kidney)	1
Antitumor (Lung)	5
Antitumor (Ovary)	1

Activity	Chemical Count
Antitumor (Pancreas)	1
Antitumor (Prostate)	1
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	7
Antitussive	2
Antiulcer	13
Antiurease	1
Antiuricosuric	1
Antivaginitic	1
Antiviral	21
Antiviral?	1
Antiwrinkle	1
Antixerophthalmic	1
Antiyeast	3
Anxiolytic	4
Apifuge	1
Apoptotic	7
Aromatase-Inhibitor	3
Artemicide	2

Activity	Chemical Count
Asthma-preventive	1
Astringent	3
ATPase-Inhibitor	1
Bacteriostatic	1
Bacteristat	4
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	9
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	2
Bradycardiac	1
Bronchodilator	1
Bronchorelaxant	1
Calcium-Antagonist	9
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	26
Candida-SAP-Inhibitor	1
Candidicide	11

Activity	Chemical Count
Candidistat	3
Capillarifortificant	1
Capillarigenic	2
Capillariprotective	2
Carcinogenic	5
Carcinogenic?	1
Cardiomyopathogenic	1
Cardioprotective	7
Cardiotonic	3
Cardiotoxic	2
Carminative	4
Caspase-8-Inducer	1
Catabolic	1
Cataractagenic	1
Chelator	1
Chemopreventive	2
Cholagogue	1
Choleretic	5
Chronotropic	1
Cicatrizant	1

Activity	Chemical Count
Circulatory-Stimulant	1
CNS-Depressant	4
CNS-Stimulant	2
Cold-preventive	1
Collagenic	2
Colorant	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	2
Counterirritant	2
COX-1-Inhibitor	2
COX-2-Inhibitor	6
Culicide	1
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	6
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1

Activity	Chemical Count
Cytotoxic	11
Deiodinase-Inhibitor	2
Demulcent	1
Dentifrice	1
Deodorant	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	1
Digestive	1
Diuretic	11
DNA-Binder	1
Dye	2
Elastase-Inhibitor	1
Emetic	2
Encephalopathic	1
Energizer	1

Activity	Chemical Count
Enterorelaxant	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	6
Expectorant	2
Febrifuge	1
Fistula-Preventive	1
FLavor	22
Floral-Inhibitor	1
Fungicide	17
Fungistat	3
GABA-nergic	1
Gastroprotective	2
Glucosyl-Transferase-Inhibitor	3
Glutathionigenic	1
Gonadotrophic	1
Gram(+)-icide	1
Gram(-)-icide	1
Hemostat	2
Hemostatic	1

Activity	Chemical Count
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	10
Herbicide	4
Herpetifuge	1
Hirudicide	1
Histaminic	1
HIV-RT-Inhibitor	3
Hyaluronidase-Inhibitor	1
Hyperglycemic	1
Hypertensive	1
Hypnotic	2
Hypocholesterolemic	11
Hypoglycemic	9
Hypolipemic	1
Hypolipidemic	1
Hypotensive	14
Hypothermic	3
Hypouricemic	1
ICAM-1-Inhibitor	1

Activity	Chemical Count
Immunomodulator	7
Immunostimulant	8
Immunosuppressant	4
Inflammatory	1
iNOS-Inhibitor	2
Inotropic	3
Insecticide	9
Insectifuge	11
Insectifuge?	1
Insectiphile	2
Insulin-Sparing	2
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	12
JNK-Inhibitor	1
Juvabional	3
Larvicide	4

Activity	Chemical Count
Larvostat	2
Laxative	5
Leptogenic	1
Leucocytogenic	1
Lipoxygenase-Inhibitor	5
Lithogenic	2
Litholytic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Monoaminergic	1
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	6
Motor-Stimulant	1
Mucogenic	2

Activity	Chemical Count
Mucolytic	1
Mutagenic	5
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Narcotic	2
Natriuretic	1
Nematicide	11
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	3
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Ovulant	1
Oxidase-Inhibitor	1
P450-Inducer	2

Activity	Chemical Count
P450-Inhibitor	1
PAF-Inhibitor	1
Perfume	1
Perfumery	19
Pesticide	48
PGE2-Inhibitor	1
Phagocytotic	2
Phosphodiesterase-Inhibitor	1
Phospholipase-Inhibitor	1
Piscicide	1
Plasmodicide	1
Proliferant	1
Prooxidant	3
Prostaglandin-Synthesis-Inhibitor	4
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	6

Activity	Chemical Count
Renoirritant	1
Reverse-Transcriptase-Inhibitor	1
Schizophrenigenic	1
Secretolytic	1
Sedative	13
Soporific	1
Spasmogenic	1
Spasmolytic	1
Spermicide	2
Spermigenic	1
Sprout-Inhibitor	1
Styptic	1
Sunscreen	1
Sweetener	1
Teratogenic	1
Teratologic	2
Termiticide	5
Termitifuge	2
Testosterone-Inducer	1
Testosteronigenic	1

Activity	Chemical Count
Thymoprotective	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	6
Topoisomerase-II-Inhibitor	12
Tranquilizer	3
Transdermal	2
Trichomonicide	4
Trichomonistat	2
Trypsin-Enhancer	2
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	3
Uricosuric	2
Urinary-Acidulant	1
Uterorelaxant	1

Activity	Chemical Count
Uterotonic	1
Uterotrophic	1
Varroacide	2
Vasodilator	10
Vasopressor	1
VEGF-Inhibitor	1
Vermicide	1
Vermifuge	1
Vibriocide	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	17