

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Eucalyptus globulus

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	3
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	4
Acaricide	7
ACE-Inhibitor	9
AChE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	22
Allelochemic	8
Allelopathic	5
Allergenic	22
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	15
Ancylostomicide	1
Anemiagenic	1
Anesthetic	5
Anhydrotic	1
Ankylostomacide	1
Anthelmintic	3
Antiacetylcholine	1
Antiacetylcholinesterase	10
Antiacne	7

Activity	Chemical Count
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	6
Antiaggregant	9
Antiaging	4
Antiallergenic	2
Antiallergic	12
Antialopepic	3
Antialzheimeran	4
Antialzheimeran?	3
Antiamnesic	1
Antiamyloid-Beta	1
Antianaphylactic	6
Antiandrogenic	3
Antianginal	1
Antiangiogenic	5
Antianoxic	1
Antiapoplectic	1
Antiarrhythmic	6
Antiarteriosclerotic	1
Antiarthritic	5
Antiasthmatic	8
Antiatherogenic	3
Antiatherosclerotic	7
Antibacillary	2

Activity	Chemical Count
Antibacterial	56
Antibiotic	1
Antibronchitic	4
Anticancer	13
Anticancer (Cervix)	2
Anticancer (Colon)	4
Anticancer (Esophagus)	1
Anticancer (Foreestomach)	2
Anticancer (Liver)	2
Anticancer (Lung)	1
Anticancer (Mouth)	1
Anticancer (Pancreas)	1
Anticancer (Skin)	2
Anticapillary-Fragility	3
Anticarcinogenic	4
Anticarcinomic	4
Anticarcinomic (Breast)	1
Anticariogenic	19
Anticataract	6
Anticatarrh	1
Anticholestatic	1
Anticholinesterase	3
Anticlastogen	2
Anticoagulant	1
Anticolic	1
Anticolitic	1
Anticomplement	2

Activity	Chemical Count
Anticomplementary	5
Anticonvulsant	5
Anticoronary	1
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidementia	2
Antidepressant	2
Antidermatic	1
Antidermatitic	5
Antidiabetic	5
Antidysmenorrhic	1
AntiEBV	3
Antieczemic	1
Antiedemic	10
Antielastase	4
Antiencephalitic	1
Antierythemic	1
Antiescherichic	6
Antiesophagitic	1
Antiestrogenic	6
Antifatigue	1
Antifeedant	15
Antifertility	1
Antifibrinolytic	3
Antifibrosarcomic	2
Antifibrotic	1

Activity	Chemical Count
Antiflu	8
Antigastric	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	1
Antigliomic	1
Antiglutamaergic	1
Antigonadotropic	3
Antigout	1
Antigranular	1
AntiGTF	2
Antihalitotic	2
Antihelicobacter	2
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatoadenomic	1
Antihepatotoxic	13
Antitherpetic	15
Antihistaminic	11
AntiHIV	14
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperlipidemic	2
Antihypertensive	3
Antihyperthyroid	3

Activity	Chemical Count
Antiinfarctal	1
Antiinfertility	1
Antiinflammatory	35
Antiischemic	4
Antilaryngitic	1
AntiLegionella	3
Antileishmanic	5
Antileptic	1
Antileukemic	12
Antileukotriene	4
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	1
Antilithic?	1
Antilymphomic	4
Antimaculitic	1
Antimalarial	8
Antimange	1
AntiMDR	1
Antimelanogenic	3
Antimelanomic	6
Antimenorrhagic	1
Antimetastatic	4
Antimetastatic (Stomach)	1
Antimite	1
Antimitotic	1
AntiMRSA	1

Activity	Chemical Count
AntiMS	1
Antimutagenic	23
Antimyocarditic	1
Antineoplastic	1
Antinephritic	3
Antineuritic	1
Antineuropathic	1
Antinitrosaminic	8
Antinociceptive	8
Antiobesity	1
Antiobesity?	1
Antionychyotic	1
Antiophidic	2
Antiotitic	1
Antioxidant	34
Antioxidant (LDL)	1
Antipancreatic	1
Antiparkinsonian	1
Antipeptic	2
Antiperiodontal	1
Antiperiodontic	11
Antiperiodontitic	1
Antiperistaltic	3
Antipermeability	1
Antiperoxidant	11
Antiperoxidative	1
AntiPGE2	1

Activity	Chemical Count
Antipharyngitic	2
Antiplatelet	5
Antiplasmodial	7
Antipneumonic	1
AntiPMS	1
Antipodriac	1
Antipolio	4
Antiproctalgic	1
Antiproliferant	9
Antiproliferant (colon)	1
Antiproliferative	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatic	2
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipurpuric	2
Antipyretic	1
Antiradicular	14
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	4
Antirhinitic	1
Antisalmonella	5

Activity	Chemical Count
Antisarcomic	1
Antiseptic	25
Antiserotonin	1
Antishigellc	1
Antishock	2
Antisindhis	1
Antisinusitic	1
Antispasmodic	26
Antistaphylococcic	14
Antistomatitic	1
Antistreptococcic	15
Antistress	2
Antistroke	1
Antisunburn	3
AntiTGF-beta	2
Antithiamin	2
Antithrombic	3
Antithrombogenic	2
Antithromboxane	1
Antithyroid	5
Antitrichinosic	1
Antitrypanosomic	3
Antitubercular	2
Antitumor	25
Antitumor (Bladder)	2
Antitumor (brain)	2
Antitumor (Breast)	7

Activity	Chemical Count
Antitumor (Cervix)	2
Antitumor (Colon)	10
Antitumor (Forestomach)	2
Antitumor (Kidney)	2
Antitumor (Liver)	3
Antitumor (Lung)	5
Antitumor (Mouth)	1
Antitumor (Ovary)	3
Antitumor (Pancreas)	4
Antitumor (Prostate)	2
Antitumor (Skin)	8
Antitumor (Stomach)	5
Antitumor (Thyroid)	1
Antitumor-Promoter	11
Antitumor-Promoter?	1
Antitussive	6
Antiulcer	15
Antiulcerogenic	1
Antivaccinia	1
Antivaricose	1
Antiviral	24
Antiwrinkle	1
Antiyeast	2
Anxiolytic	3
Aphidifuge	3
Apoptotic	11
Aromatase-Inhibitor	6

Activity	Chemical Count
Arteriodilator	1
Ascaricide	1
Astringent	2
Ataxigenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteriostatic	1
Bacteristat	2
Barbituate-Synergist	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	4
Bradycardiac	1
Bronchodilator	1
Bronchoprotectant	1
Bronchorelaxant	2
Calcium-Antagonist	6
Calcium-Antagonist?	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	4
Cancer-Preventive	31
Candida-SAP-Inhibitor	1
Candidicide	19
Candidistat	3
Capillarifortificant	1
Capillarigenic	2

Activity	Chemical Count
Capillariprotective	2
Carcinogenic	7
Cardiac	1
Cardioprotective	5
Cardiotonic	4
Cardiotoxic	1
Carminative	3
Caspase-3-Inducer	1
Caspase-3-Inhibitor	1
Caspase-9-Inhibitor	1
Catabolic	2
Chemopreventive	8
Cholagogue	3
Choleretic	12
Cholesterolytic	1
Cicatrizant	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	6
CNS-Inhibitor	1
CNS-Stimulant	5
CNS-Toxic	1
Co-carcinogenic	1
Coleopterifuge	1
Coleoptophile	1
Collagen-Sparing	2

Activity	Chemical Count
Comedolytic	1
COMT-Inhibitor	1
Convulsant	2
Copper-Chelator	1
Cosmetic	1
Counterirritant	3
COX-1-Inhibitor	2
COX-2-Inhibitor	6
Culicide	2
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	7
CYP1A1-Inhibitor	1
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	2
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	12
Decarboxylase-Inhibitor	1
Decongestant	1
Degranulant	1
Deiodinase-Inhibitor	4
Dentifrice	2
Deodorant	2
Dermal	1
Dermatitigenic	3
Detoxicant	3

Activity	Chemical Count
Diaphoretic	1
Diaphoretic?	1
Differentiator	3
Diuretic	10
DNA-Active	1
DNA-Protective	3
Dye	2
Edemagenic	1
Elastase-Inhibitor	2
Embryotoxic	3
Emetic	3
Emmenagogue	2
Emollient	1
Enterocontractant	2
Enterorelaxant	1
Enterotoxic	1
Estrogenic	6
Estrogenic?	1
Expectorant	12
FLavor	28
Floral-Inhibitor	1
Fungicide	27
Fungiphilic	1
Fungistat	3
GABA-nergic	1
Gastroirritant	1
Gastroprotective	3

Activity	Chemical Count
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Glutathionigenic	1
Gram(+)-icide	11
Gram(-)-icide	11
GST-Inducer	1
GTase-Inhibitor	7
Hemolytic	1
Hemostat	5
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	20
Hepatotonic	2
Hepatotoxic	2
Hepatotropic	2
Herbicide	13
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	1
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	2
Hypertensive	1
Hypnotic	2

Activity	Chemical Count
Hypocalcemic	1
Hypocholesterolemic	4
Hypocholesterolemic?	1
Hypoglycemic	6
Hypolipemic	1
Hypolipidemic	1
Hypotensive	10
Hypothermic	2
Hypouricemic	1
ICAM-1-Inhibitor	3
IKK-Inhibitor	2
Immunomodulator	7
Immunostimulant	8
Immunosuppressant	1
Inflammatory	1
Inhalant	1
iNOS-Inhibitor	3
Inotropic	2
Insect-Repellent	1
Insecticide	11
Insectifuge	26
Insectiphile	6
Insulin-Sparing	1
Insulinogenic	1
Interferonogenic	2
Interleukin-6-Inhibitor	3
Iodothyronine-Deiodinase-Inhibitor	1

Activity	Chemical Count
Irritant	21
JNK-Inhibitor	1
Juvabional	5
Larvicide	6
Larvostat	3
Laxative	3
Leucocytogenic	2
Leukotriene-Inhibitor	2
Lipolytic	1
Lipoxygenase-Inhibitor	8
Lubricant	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-Inhibitor	3
MAPK-Inhibitor	2
Mast-Cell-Stabilizer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
Metastatic	1
MMP-9-Inhibitor	3
Molluscicide	1
Mosquitocide	2
Mosquitofuge	2
Motor-Depressant	5
Mucotropic	1
Musculotropic	1

Activity	Chemical Count
Mutagenic	5
Mutagenic?	1
Mycobactericide	1
Myoprotective	1
Myorelaxant	11
NADH-Oxidase-Inhibitor	2
Narcotic	2
Nematicide	16
NEP-Inhibitor	2
Nephrotoxic	2
Neurogenic	1
Neurolytic	1
Neuroprotective	3
Neurotoxic	1
NF-kB-Inhibitor	5
NO-Genic	3
NO-Inhibitor	5
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	7
Oviposition-Stimulant	2
Oxidase-Inhibitor	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	5
P450-Inducer	4
P450-Inhibitor	2

Activity	Chemical Count
PAF-Inhibitor	1
Paralytic	1
Pediculicide	1
Percutaneostimulant	1
Perfume	2
Perfumery	27
Peristaltic	1
Pesticide	62
PGE2-Inhibitor	1
Phagocytotic	4
Phospholipase-Inhibitor	1
Photosensitizer	1
Piscicide	2
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	1
Progestational	1
Proliferant	2
Prooxidant	2
Propecic	3
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1
Protease-Inhibitor	2

Activity	Chemical Count
Protein-Kinase-C-Inhibitor	3
Protistocide	2
PTK-Inhibitor	3
Quinone-Reductase-Inducer	5
Radioprotective	3
Renoirritant	1
Reverse-Transcriptase-Inhibitor	4
RNA-genic	1
Rubefacient	2
Sclerosant	1
Secretagogue	2
Secretolytic	1
Sedative	20
Serotonin-Inhibitor	1
Soap	1
Sodium-Sparing	1
Spasmogenic	6
Spermicide	1
Sprout-Inhibitor	1
Styptic	1
Succinoxidase-Inhibitor	1
Sunscreen	6
Surfactant	2
Sweetener	1
Teratogenic	4
Teratologic	1
Termiticide	2

Activity	Chemical Count
Termitifuge	3
Testosterogenic	1
Testosterone-Hydroxylase-Inducer	1
Testosterone-Inducer	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	5
TOPO-2-Inhibitor	1
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	6
Topoisomerase-II-Inhibitor	4
Tracheorelaxant	1
Tranquilizer	2
Transdermal	5
Tremorolytic	1
Trichomonicide	8
Trypanocide	2
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	1
Ubiquit	1
Ulcerogenic	2
Urinary-Antiseptic	1
Uterosedative	1
Uterotonic	1
Uterotrophic	2
Varroacide	1

Activity	Chemical Count
Vasoconstrictor	1
Vasodilator	5
Vasopressor	4
Vasorelaxant	1
VEGF-Inhibitor	4
Vermicide	2
Vulnerary	4
Xanthine-Oxidase-Inhibitor	9