

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Eucalyptus globulus***

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	3
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	4
Acaricide	8
ACE-Inhibitor	9
AChE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	22
Allelochemic	8
Allelopathic	6
Allergenic	23
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	15

Activity	Chemical Count
Ancylostomicide	1
Anemiagenic	1
Anesthetic	6
Anhydrotic	1
Ankylostomacide	1
Anthelmintic	4
Antiacetylcholine	1
Antiacetylcholinesterase	11
Antiacne	7
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	6
Antiaggregant	9
Antiaging	4
Antiallergenic	2
Antiallergic	13
Antialopecic	3
Antialzheimeran	4

Activity	Chemical Count
Antialzheimeran?	3
Antiamnesic	1
Anti amyloid-Beta	1
Antianaphylactic	6
Antiandrogenic	3
Antianginal	1
Antiangiogenic	5
Antianoxic	1
Antiapoplectic	1
Antiarrhythmic	6
Antiarteriosclerotic	1
Antiartritic	5
Antiasthmatic	8
Antiatherogenic	3
Antiatherosclerotic	7
Antibacillary	2
Antibacterial	59
Antibiotic	1
Antibronchitic	5
Anticancer	13

Activity	Chemical Count
Anticancer (Cervix)	2
Anticancer (Colon)	4
Anticancer (Esophagus)	1
Anticancer (Forestomach)	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	20
Anticataract	6
Anticatarrh	2
Anticholestatic	1
Anticholinesterase	4
Anticlastogen	2
Anticoagulant	1

Activity	Chemical Count
Anticolic	1
Anticolitic	1
Anticomplement	2
Anticomplementary	5
Anticonvulsant	5
Anticoronary	1
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidementia	2
Antidepressant	2
Antidermatic	1
Antidermatitic	5
Antidiabetic	5
Antidysmenorrheic	1
AntiEBV	3
Antieczemic	1
Antiedemic	10
Antielastase	4
Antiencephalitic	1

Activity	Chemical Count
Antierythemic	1
Antiescherichic	6
Antiesophagitic	1
Antiestrogenic	6
Antifatigue	2
Antifeedant	15
Antifertility	1
Antifibrinolytic	3
Antifibrosarcomic	2
Antifibrotic	1
Antiflu	8
Antigastric	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	1
Antigliomic	1
Antiglutamaergic	1
Antigonadotropic	3
Antigout	1
Antigranular	1

Activity	Chemical Count
AntiGTF	2
Antihalitotic	3
Antihelicobacter	2
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatoadenomic	1
Antihepatotoxic	13
Antiherpetic	15
Antihistaminic	11
AntiHIV	14
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperlipidemic	2
Antihypertensive	3
Antihyperthyroid	3
Antiinfarctal	1
Antiinfertility	1
Antiinflammatory	36

Activity	Chemical Count
Antiischemic	4
Antilaryngitic	2
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

Activity	Chemical Count
Antimetastatic (Stomach)	1
Antimite	1
Antimitotic	1
AntiMRSA	1
AntiMS	1
Antimutagenic	23
Antimyocarditic	1
Antineoplastic	1
Antinephritic	3
Antineuritic	1
Antineuropathic	1
Antinitrosaminic	8
Antinociceptive	9
Antiobesity	1
Antiobesity?	1
Antionychyotic	1
Antiophidic	2
Antiotitic	1
Antioxidant	35
Antioxidant (LDL)	1

Activity	Chemical Count
Antipancreatic	1
Antiparkinsonian	1
Antipeptic	2
Antiperiodontal	1
Antiperiodontic	11
Antiperiodontitic	1
Antiperistaltic	3
Antipermeability	1
Antiperoxidant	11
Antiperoxidative	1
AntiPGE2	1
Antipharyngitic	3
Antiplatelet	6
Antiplasmodial	7
Antiplatelet	1
AntiPMS	1
Antipneumonic	1
Antipodriac	1
Antipolio	4
Antiproctalgic	1

Activity	Chemical Count
Antiproliferant	9
Antiproliferant (colon)	1
Antiproliferative	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatitic	2
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipurpuric	2
Antipyretic	1
Antiradicular	14
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	5
Antirhinitic	2
Antisalmonella	5
Antisarcomic	1
Antiseptic	26

Activity	Chemical Count
Antiserotonin	1
Antishigellic	1
Antishock	2
Antisindhis	1
Antisinusitic	2
Antispasmodic	27
Antistaphylococcic	15
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

Activity	Chemical Count
Antitubercular	2
Antitumor	25
Antitumor (Bladder)	2
Antitumor (brain)	2
Antitumor (Breast)	7
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

Activity	Chemical Count
Antitussive	7
Antiulcer	16
Antiulcerogenic	1
Antivaccinia	1
Antivaricose	1
Antiviral	24
Antiwrinkle	1
Antiyeast	2
Anxiolytic	3
Aphidifuge	3
Apoptotic	11
Aromatase-Inhibitor	6
Arteriodilator	1
Ascaricide	1
Astringent	2
Ataxigenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteriostatic	1
Bacteristat	2

Activity	Chemical Count
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	20
Candidistat	3
Capillarifortificant	1
Capillarigenic	2
Capillariprotective	2

Activity	Chemical Count
Carcinogenic	8
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	13
Cholesterolytic	1
Cicatrizant	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	6
CNS-Inhibitor	1

Activity	Chemical Count
CNS-Stimulant	6
CNS-Toxic	1
Co-carcinogenic	1
Coleopterifuge	1
Coleoptophile	1
Collagen-Sparing	2
Comedolytic	1
COMT-Inhibitor	1
Convulsant	3
Copper-Chelator	1
Cosmetic	1
Counterirritant	4
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

Activity	Chemical Count
Cytochrome-P450-Inducer	3
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	12
Decarboxylase-Inhibitor	1
Decongestant	2
Degranulant	2
Deiodinase-Inhibitor	4
Dentifrice	3
Deodorant	2
Dermal	1
Dermatitigenic	3
Detoxicant	3
Diaphoretic	1
Diaphoretic?	1
Differentiator	3
Diuretic	10
DNA-Active	1
DNA-Protective	3
Dye	2

Activity	Chemical Count
Edemagenic	2
Elastase-Inhibitor	2
Embryotoxic	3
Emetic	3
Emmenagogue	2
Emollient	1
Enterocontractant	2
Enterorelaxant	1
Enterotoxic	1
Estrogenic	6
Estrogenic?	1
Expectorant	13
FLavor	29
Floral-Inhibitor	1
Fungicide	28
Fungiphilic	1
Fungistat	3
GABA-nergic	1
Gastroirritant	1
Gastroprotective	4

Activity	Chemical Count
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Glutathionigenic	1
Gram(+)-icide	12
Gram(-)-icide	12
GST-Inducer	1
GTase-Inhibitor	7
Hemolytic	1
Hemostat	5
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	20
Hepatotonic	3
Hepatotoxic	2
Hepatotropic	2
Herbicide	14
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2

Activity	Chemical Count
Histaminic	1
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	2
Hypertensive	1
Hypnotic	2
Hypocalcemic	1
Hypocholesterolemic	4
Hypocholesterolemic?	1
Hypoglycemic	6
Hypolipemic	1
Hypolipidemic	1
Hypotensive	11
Hypothermic	2
Hypouricemic	1
ICAM-1-Inhibitor	3
IKK-Inhibitor	2
Immunomodulator	7
Immunostimulant	8

Activity	Chemical Count
Immunosuppressant	1
Inflammatory	2
Inhalant	1
iNOS-Inhibitor	3
Inotropic	2
Insect-Repellent	1
Insecticide	11
Insectifuge	27
Insectiphile	6
Insulin-Sparing	1
Insulinogenic	1
Interferonogenic	2
Interleukin-6-Inhibitor	3
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	22
JNK-Inhibitor	1
Juvabional	5
Larvicide	6
Larvostat	3
Laxative	3

Activity	Chemical Count
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

Activity	Chemical Count
Musculotropic	1
Mutagenic	5
Mutagenic?	1
Mycobactericide	1
Myoprotective	1
Myorelaxant	12
NADH-Oxidase-Inhibitor	2
Narcotic	2
Nematicide	17
NEP-Inhibitor	2
Nephrotoxic	2
Neurogenic	1
Neurolytic	1
Neuroprotective	3
Neurotoxic	2
NF-kB-Inhibitor	5
NO-Genic	3
NO-Inhibitor	5
NO-Synthase-Inhibitor	2
Nodulation-Signal	1

Activity	Chemical Count
Ornithine-Decarboxylase-Inhibitor	7
Oviposition-Stimulant	2
Oxidase-Inhibitor	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	5
P450-Inducer	5
P450-Inhibitor	2
PAF-Inhibitor	1
Paralytic	1
Pediculicide	2
Percutaneostimulant	1
Perfume	3
Perfumery	27
Peristaltic	1
Pesticide	63
PGE2-Inhibitor	1
Phagocytotic	4
Phospholipase-Inhibitor	1
Photosensitizer	1

Activity	Chemical Count
Piscicide	2
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	1
Progestational	1
Proliferant	2
Prooxidant	2
Propepic	3
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1
Protease-Inhibitor	2
Protein-Kinase-C-Inhibitor	3
Protisticide	2
PTK-Inhibitor	3
Quinone-Reductase-Inducer	5
Radioprotective	3

Activity	Chemical Count
Renoirritant	1
Reverse-Transcriptase-Inhibitor	4
RNA-genic	1
Rubefacient	3
Sclerosant	1
Secretogogue	3
Secretolytic	1
Sedative	21
Serotonin-Inhibitor	1
Soap	1
Sodium-Sparing	1
Spasmogenic	7
Spermicide	1
Sprout-Inhibitor	1
Styptic	1
Succinoxidase-Inhibitor	1
Sunscreen	6
Surfactant	3
Sweetener	1
Teratogenic	4

Activity	Chemical Count
Teratologic	1
Termiticide	2
Termitifuge	3
Testosterogenic	1
Testosterone-Hydroxylase-Inducer	2
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	6
Tremorilytic	1
Trichomonicide	9
Trypanocide	2
Tumor-Promoter	1
Tumorigenic	2

Activity	Chemical Count
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Ulcerogenic	2
Urinary-Antiseptic	1
Uterosedative	1
Uterotonic	1
Uterotrophic	2
Varroacide	1
Vasoconstrictor	1
Vasodilator	5
Vasopressor	4
Vasorelaxant	1
VEGF-Inhibitor	4
Vermicide	2
Vulnerary	4
Xanthine-Oxidase-Inhibitor	9