

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

Activity	Chemical Count
Pesticide	62
Antibacterial	56
Antiinflammatory	35
Antioxidant	34
Cancer-Preventive	31
FLavor	28
Fungicide	27
Perfumery	27
Insectifuge	26
Antispasmodic	26
Antiseptic	25
Antitumor	25
Antiviral	24
Antimutagenic	23
Allergenic	22
Aldose-Reductase-Inhibitor	22
Irritant	21
Hepatoprotective	20
Sedative	20
Anticariogenic	19
Candidicide	19
Nematicide	16
Analgesic	15
Antifeedant	15
Antiulcer	15
Antiherpetic	15
Antistreptococcic	15

Activity	Chemical Count
Antiradicular	14
Antistaphylococcic	14
AntiHIV	14
Herbicide	13
Antihepatotoxic	13
Anticancer	13
Choleretic	12
Expectorant	12
Antileukemic	12
Cytotoxic	12
Antiallergic	12
Antihistaminic	11
Insecticide	11
Myorelaxant	11
Gram(-)icide	11
Antitumor-Promoter	11
Antiperiodontic	11
Apoptotic	11
Gram(+)icide	11
Antiperoxidant	11
Hypotensive	10
Diuretic	10
Antitumor (Colon)	10
Antiedemic	10
Antiacetylcholinesterase	10
Antiaggregant	9
Antiproliferant	9

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	9
ACE-Inhibitor	9
Immunostimulant	8
Allelochemic	8
Antimalarial	8
Antiflu	8
Lipoxygenase-Inhibitor	8
Trichomonicide	8
Antinociceptive	8
Antiasthmatic	8
Antitumor (Skin)	8
Chemopreventive	8
Antinitrosaminic	8
Acaricide	7
Antitumor (Breast)	7
Ornithine-Decarboxylase-Inhibitor	7
Cyclooxygenase-Inhibitor	7
Antiacne	7
GTase-Inhibitor	7
Antiatherosclerotic	7
Antiplasmodial	7
Carcinogenic	7
Immunomodulator	7
Antiestrogenic	6
Hypoglycemic	6
Aromatase-Inhibitor	6
Insectiphile	6

Activity	Chemical Count
Antianaphylactic	6
Antiaflatoxin	6
Sunscreen	6
COX-2-Inhibitor	6
Antimelanomic	6
Spasmogenic	6
CNS-Depressant	6
Antitussive	6
Larvicide	6
Anticataract	6
Calcium-Antagonist	6
Topoisomerase-I-Inhibitor	6
Antiescherichic	6
Estrogenic	6
Antiarrhythmic	6
TNF-alpha-Inhibitor	5
Antithyroid	5
Antidiabetic	5
Cardioprotective	5
Antiarthritic	5
Anticomplementary	5
Juvabional	5
Antisalmonella	5
Vasodilator	5
Antiangiogenic	5
Transdermal	5
Motor-Depressant	5

Activity	Chemical Count
P450-2B1-Inhibitor	5
Tyrosinase-Inhibitor	5
Antileishmanic	5
NF-kB-Inhibitor	5
Antitumor (Stomach)	5
Antiplaque	5
NO-Inhibitor	5
Antidermatitic	5
Anticonvulsant	5
Allelopathic	5
Hemostat	5
Antitumor (Lung)	5
CNS-Stimulant	5
Quinone-Reductase-Inducer	5
Anesthetic	5
Mutagenic	5
Anticarcinomic	4
Antileukotriene	4
Antialzheimeran	4
Hypocholesterolemic	4
Antielastase	4
Anticancer (Colon)	4
Vulnerary	4
cAMP-Phosphodiesterase-Inhibitor	4
Teratogenic	4
Antibronchitic	4
Phagocytotic	4

Activity	Chemical Count
Topoisomerase-II-Inhibitor	4
Anticarcinogenic	4
Antitumor (Pancreas)	4
Abortifacient	4
Reverse-Transcriptase-Inhibitor	4
Antiaging	4
Cardiotonic	4
Antimetastatic	4
Vasopressor	4
Deiodinase-Inhibitor	4
P450-Inducer	4
Beta-Glucuronidase-Inhibitor	4
Antipolio	4
VEGF-Inhibitor	4
Antiischemic	4
Antirheumatic	4
Antilymphomic	4
Antihypertensive	3
Aphidifuge	3
Fungistat	3
Protein-Kinase-C-Inhibitor	3
Termitifuge	3
Prostaglandigenic	3
Antinephritic	3
Neuroprotective	3
Antitumor (Liver)	3
Dermatitigenic	3

Activity	Chemical Count
11B-HSD-Inhibitor	3
PTK-Inhibitor	3
Antitrypanosomic	3
Antiproliferative	3
AntiEBV	3
Antithrombic	3
Antiatherogenic	3
Counterirritant	3
Emetic	3
Larvostat	3
Antigonadotropic	3
DNA-Protective	3
Antifibrinolytic	3
iNOS-Inhibitor	3
Radioprotective	3
Antialopepic	3
Anxiolytic	3
Cholagogue	3
Metal-Chelator	3
Propecic	3
Antisunburn	3
Candidistat	3
Anticholinesterase	3
Differentiator	3
Antihyperthyroid	3
Antialzheimeran?	3
AntiLegionella	3

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	3
MAO-Inhibitor	3
Anthelmintic	3
Embryotoxic	3
Antiperistaltic	3
Interleukin-6-Inhibitor	3
ICAM-1-Inhibitor	3
Detoxicant	3
Anticapillary-Fragility	3
5-Alpha-Reductase-Inhibitor	3
Gastroprotective	3
MMP-9-Inhibitor	3
NO-Genic	3
Carminative	3
Laxative	3
Antimelanogenic	3
Antitumor (Ovary)	3
Antiandrogenic	3
Astringent	2
Deodorant	2
Antipurpuric	2
Inotropic	2
Ulcerogenic	2
Glucosyl-Transferase-Inhibitor	2
Antitumor (Bladder)	2
CNS-Active	2
Mosquitocide	2

Activity	Chemical Count
Antiprostatic	2
(-)-Chronotropic	2
Barbituate-Synergist	2
NO-Synthase-Inhibitor	2
AntiTGF-beta	2
MAO-A-Inhibitor	2
AntiGTF	2
Surfactant	2
Culicide	2
Enterocontractant	2
Leukotriene-Inhibitor	2
Elastase-Inhibitor	2
Piscicide	2
Antishock	2
Antitumor (Prostate)	2
Anticlastogen	2
Interferonogenic	2
Bronchorelaxant	2
Anticancer (Skin)	2
Beta-Blocker	2
Antiallergenic	2
Anticancer (Forestomach)	2
Catabolic	2
MAPK-Inhibitor	2
Antihelicobacter	2
Antidepressant	2
Proliferant	2

Activity	Chemical Count
Antistress	2
Nephrotoxic	2
Capillariprotective	2
Hepatotoxic	2
IKK-Inhibitor	2
Perfume	2
Uterotrophic	2
Antipeptic	2
Antihyperlipidemic	2
Dentifrice	2
P450-Inhibitor	2
Clastogenic	2
Protease-Inhibitor	2
Antihemolytic	2
Hyaluronidase-Inhibitor	2
Termiticide	2
Anticancer (Cervix)	2
Antibacillary	2
Leucocytogenic	2
Convulsant	2
Narcotic	2
Anticomplement	2
Vermicide	2
Hepatomagenic	2
Antitumor (Kidney)	2
Hypothermic	2
Tranquilizer	2

Activity	Chemical Count
Antileukotriene-D4	2
Antitumor (brain)	2
Mosquitofuge	2
(-)-Inotropic	2
Tumorigenic	2
Protisticide	2
Metalloproteinase-Inhibitor	2
Antihemorrhoidal	2
Hypercholesterolemic	2
Cytochrome-P450-Inducer	2
Antithiamin	2
Antihalitosis	2
Histamine-Inhibitor	2
Cyclooxygenase-Activator	2
Antidementia	2
NEP-Inhibitor	2
Antipharyngitic	2
Capillarigenic	2
Hepatotonic	2
Collagen-Sparing	2
Rubefacient	2
Antitumor (Cervix)	2
Antihypercholesterolemic	2
Antitubercular	2
Antiophidic	2
Hypnotic	2
Antiyeast	2

Activity	Chemical Count
Anticancer (Liver)	2
Cytoprotective	2
Oviposition-Stimulant	2
Antiprostaglandin	2
Antithrombogenic	2
HIV-RT-Inhibitor	2
Prooxidant	2
Lubricant	2
Hepatotropic	2
COX-1-Inhibitor	2
Emmenagogue	2
NADH-Oxidase-Inhibitor	2
Dye	2
Antigingivitic	2
Trypanocide	2
Bacteristat	2
Aldehyde-Oxidase-Inhibitor	2
Antifibrosarcomic	2
Secretagogue	2
Antitumor (Forestomach)	2
Tracheorelaxant	1
PAF-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Bronchodilator	1
Renoirritant	1
Anticancer (Mouth)	1
Decarboxylase-Inhibitor	1

Activity	Chemical Count
Ozone-Scavenger	1
Tumor-Promoter	1
Antilaryngitic	1
Metal-Chelator (Copper)	1
Antiobesity	1
Antihemorrhagic	1
Hydrocholerectic	1
Antivaricose	1
Cytochrome-P450-1A2-Inhibitor	1
AntiADD	1
Caspase-3-Inhibitor	1
HIF-1alpha-Inhibitor	1
Antitumor-Promoter?	1
AntiPMS	1
Anticystitic	1
Preservative	1
Antistomatitic	1
Ankylostomacide	1
AntiMRSA	1
Copper-Chelator	1
AntiPGE2	1
Capillarifortificant	1
Antimenorrhagic	1
Antigliomic	1
Spermicide	1
Antiperiodontitic	1
Hemolytic	1

Activity	Chemical Count
Coleoptophile	1
Mycobactericide	1
Antiinfarctal	1
Hypouricemic	1
ATPase-Inhibitor	1
Pediculicide	1
Uterosedative	1
Antilipoperoxidant	1
Glutathionigenic	1
RNA-genic	1
Antiamnesic	1
CNS-Inhibitor	1
Antipancreatic	1
Antihydrophobic	1
Topoisomerase-I-Antagonist	1
Degranulant	1
Antiprotozoal	1
Inflammatory	1
Antierthemic	1
Gastroirritant	1
Cicatrizant	1
Metastatic	1
Antionychotic	1
Antihepatoadenomic	1
Hypertensive	1
Testosterone-Hydroxylase-Inducer	1
Antiwrinkle	1

Activity	Chemical Count
Cytochrome-P450-Inhibitor	1
Floral-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Antiadenoviral	1
Antineuropathic	1
Histaminic	1
Antipodriac	1
Enterotoxic	1
Antiacetylcholine	1
Cardiotoxic	1
Anticoronary	1
Plasmodicide	1
Antisinusitic	1
Anemiagenic	1
Antimetastatic (Stomach)	1
Styptic	1
Antiapoplectic	1
Comedolytic	1
Antipermeability	1
Anticolic	1
Candida-SAP-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Vasorelaxant	1
AntiMDR	1
Antigenotoxic	1
Hemostatic	1
Soap	1

Activity	Chemical Count
Antitumor (Mouth)	1
Bacteriostatic	1
Anticatarrh	1
Diaphoretic	1
Antirheumatalgic	1
AChE-Inhibitor	1
Calcium-Antagonist?	1
Antilithic?	1
Sclerosant	1
CNS-Toxic	1
Musculotropic	1
Hypolipidemic	1
Ascaricide	1
Antipsoriac	1
5-HT-Inhibitor	1
Bradycardiac	1
Ubiquiot	1
Antiesophagitic	1
Glaucomagenic	1
Molluscicide	1
Antiotitic	1
Hypocalcemic	1
Tissue-Thromboplastin-Inhibitor	1
Anticancer (Lung)	1
Oxidase-Inhibitor	1
Antiprostanoid	1
Fungiphilic	1

Activity	Chemical Count
Antithromboxane	1
Antivaccinia	1
Cytochrome-P450-1A1-Inhibitor	1
Antiproctalgic	1
Estrogenic?	1
Caspase-3-Inducer	1
Lyase-Inhibitor	1
Antineoplastic	1
Antigranular	1
Neurolytic	1
Antiplatelet	1
AntiCVI	1
Emollient	1
Potassium-Sparing	1
Anhydrotic	1
Cardiac	1
Antimitotic	1
Antiartherosclerotic	1
Antiperoxidative	1
Edemagenic	1
Photosensitizer	1
Antishigellic	1
Alpha-Reductase-Inhibitor	1
JNK-Inhibitor	1
Antiglaucomic	1
Peristaltic	1
Antirhinitic	1

Activity	Chemical Count
cAMP-Inhibitor	1
Insulinogenic	1
Vasoconstrictor	1
Antimaculitic	1
Antifibrotic	1
Secretolytic	1
Antianginal	1
Coleopterifuge	1
Mutagenic?	1
Ataxigenic	1
Anticarcinomic (Breast)	1
Dermal	1
Paralytic	1
Antipyretic	1
Bronchoprotectant	1
Insect-Repellent	1
Urinary-Antiseptic	1
Antifatigue	1
Glutathione-Depleting	1
Antioxidant (LDL)	1
Hypocholesterolemic?	1
TOPO-2-Inhibitor	1
Anticancer (Pancreas)	1
Decongestant	1
P21-Inducer	1
Antiproteolytic	1
Beta-Adrenergic Receptor Blocker	1

Activity	Chemical Count
Immunosuppressant	1
Antiencephalitic	1
GABA-nergic	1
Antitrichinosic	1
Cholesterolytic	1
Antiobesity?	1
Testosterogenic	1
Anticancer (Esophagus)	1
Nodulation-Signal	1
Antiproliferant (colon)	1
Antidysmenorrhic	1
Antiadenomic	1
Caspase-9-Inhibitor	1
Antineuritic	1
Sweetener	1
Antibiotic	1
Neurotoxic	1
Antipneumonic	1
Enterorelaxant	1
Progestational	1
Lipolytic	1
AntiMS	1
Cosmetic	1
PKC-Inhibitor	1
Antisindhis	1
Ancylostomicide	1
Antiglutamaergic	1

Activity	Chemical Count
Sprout-Inhibitor	1
Antianoxic	1
Myoprotective	1
Anticoagulant	1
DNA-Active	1
PGE2-Inhibitor	1
Antisarcomic	1
Antimange	1
Antigastric	1
Serotonin-Inhibitor	1
Antiinfertility	1
Tremorilytic	1
Autotoxic	1
Percutaneostimulant	1
Antiretinotic	1
Uterotonic	1
Antilithic	1
Antifertility	1
AntiAmyloid-Beta	1
Mucotropic	1
Antiparkinsonian	1
Hypolipemic	1
Arteriodilator	1
Antipruritic	1
Inhalant	1
Tyrosine-Kinase-Inhibitor	1
Antileptic	1

Activity	Chemical Count
Circulotonic	1
Testosterone-Inducer	1
Antieczemic	1
Prostatitigenic	1
Antiadenovirus	1
Mast-Cell-Stabilizer	1
Antihematuric	1
Teratologic	1
Antiulcerogenic	1
CYP1A1-Inhibitor	1
Antidermatic	1
Antistroke	1
Antimyocarditic	1
Antigout	1
Succinoxidase-Inhibitor	1
Antitumor (Thyroid)	1
Neurogenic	1
AntiCrohn's	1
Polyamine-Synthesis-Inhibitor	1
Antimite	1
COMT-Inhibitor	1
Anticolitic	1
Phospholipase-Inhibitor	1
Antiserotonin	1
Alpha-Glucosidase-Inhibitor	1
Hepatocarcinogenic	1
Sodium-Sparing	1

Activity	Chemical Count
Anticholestatic	1
Diaphoretic?	1
Calmodulin-Antagonist	1
Insulin-Sparing	1
Varroacide	1
GST-Inducer	1
Co-carcinogenic	1
Antiperiodontal	1