

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Melaleuca alternifolia***

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
Abortifacient	1
Acaricide	6
ACE-Inhibitor	4
AChE-Inhibitor	1
Aldose-Reductase-Inhibitor	6
Allelochemic	3
Allelopathic	6
Allergenic	8
Analgesic	6
Anesthetic	5
Anthelmintic	2
Antiacetylcholinesterase	11
Antiacne	6
Antiadenomic	1
Antiallergenic	1
Antiallergic	4

Activity	Chemical Count
Antialzheimeran?	1
Antianaphylactic	1
Antiasthmatic	5
Antibacillary	1
Antibacterial	16
Antibronchitic	2
Anticancer	3
Anticancer (Cervix)	1
Anticariogenic	6
Anticatarrh	2
Anticholinesterase	2
Anticolic	1
Anticonvulsant	2
Antidermatitic	1
Antidiarrheic	1
Antidysenteric	1
Antiedemic	2
Antiemetic	1
Antiesophagitic	1
Antifatigue	2

Activity	Chemical Count
Antifeedant	6
Antifibrositic	1
Antiflu	3
Antigliomic	1
Antiglutamaergic	1
Antihalitotic	2
Antihelicobacter	2
Antihistaminic	1
Antiinflammatory	8
Antilaryngitic	2
Antileishmanic	1
Antileukemic	1
Antilithic	1
Antilithic?	1
Antilymphomic	2
Antimalarial	1
Antimange	1
Antimetastatic (Stomach)	1
Antimite	1
Antimutagenic	3

Activity	Chemical Count
Antineuralgic	1
Antinitrosaminic	3
Antinociceptive	3
Antiobesity	1
Antionychyotic	1
Antioxidant	5
Antipharyngitic	2
Antiplatelet	2
Antiplasmodial	1
Antipneumonic	1
Antiproliferant	4
Antipruritic	1
Antirheumatalgic	1
Antirheumatic	2
Antirhinitic	2
Antiseptic	14
Antishock	1
Antisinusitic	2
Antispasmodic	12
Antistaphylococcic	5

Activity	Chemical Count
Antistreptococcic	2
Antitumor	2
Antitumor (Breast)	1
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	1
Antitumor (Stomach)	1
Antitussive	4
Antiulcer	6
Antiviral	4
Apoptotic	2
Bacteriostatic	1
Barbituate-Synergist	1
Bronchoprotectant	1
Bronchorelaxant	1
Cancer-Preventive	7
Candidicide	4
Candidistat	2
Carcinogenic	2

Activity	Chemical Count
Carminative	2
Chemopreventive	2
Cholagogue	1
Choleretic	2
Cholesterolytic	1
Cicatrizant	1
CNS-Depressant	2
CNS-Stimulant	3
Coleoptophile	1
Convulsant	3
Cosmetic	1
Counterirritant	3
Culicide	2
Cytochrome-P450-Inducer	3
Cytotoxic	1
Decongestant	3
Degranulant	2
Deliriant	1
Dentifrice	2
Deodorant	1

Activity	Chemical Count
Dermal	1
Detoxicant	1
Diuretic	1
DNA-Binder	1
Ecbolic	1
Edemagenic	2
Emetic	2
Emmenagogue	1
Enterocontractant	1
Epileptigenic	1
Estrogenic	1
Expectorant	9
FLavor	18
Fungicide	11
Fungiphilic	1
Fungistat	1
GABA-nergic	1
Gastroprotective	3
Gram(+)-icide	2
Gram(-)-icide	2

Activity	Chemical Count
GST-Inducer	1
Hepatotonic	2
Herbicide	9
Histaminic	1
Hypnotic	1
Hypocholesterolemic?	1
Hypotensive	2
Hypothermic	3
Immunomodulator	1
Inflammatory	2
Insect-Repellent	1
Insecticide	7
Insectifuge	17
Insectiphile	2
Interleukin-6-Inhibitor	2
Irritant	13
Larvicide	4
Laxative	2
Lipolytic	1
Mosquitocide	1

Activity	Chemical Count
Mosquitofuge	2
Motor-Depressant	2
Myorelaxant	5
Nematicide	7
Neurotoxic	2
NO-Genic	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	4
P450-Inducer	4
Pediculicide	2
Perfume	2
Perfumery	17
Peristaltic	1
Pesticide	25
Photosensitizer	1
Prooxidant	1
Renoirritant	1
Respirainhibitor	1

Activity	Chemical Count
Respirastimulant	1
Rubefacient	3
Secretagogue	2
Sedative	9
Spasmogenic	6
Spermicide	1
Stimulant	1
Surfactant	2
Termiticide	1
Termitifuge	2
Testosterone-Hydroxylase-Inducer	2
Testosterone-Inducer	1
Tranquilizer	1
Transdermal	7
Trichomonicide	5
Tumor-Promoter	1
Verrucolytic	1
Vibriocide	1
Vulnerary	2