

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Melaleuca alternifolia*

Activity	Chemical Count
(-)-Chronotropic	1
(-)-Inotropic	1
Abortifacient	1
Acaricide	5
ACE-Inhibitor	4
AChE-Inhibitor	1
Aldose-Reductase-Inhibitor	6
Allelochemic	3
Allelopathic	5
Allergenic	7
Analgesic	6
Anesthetic	4
Anthelmintic	1
Antiacetylcholinesterase	10
Antiacne	6
Antiadenomic	1
Antiallergenic	1
Antiallergic	3
Antialzheimeran?	1
Antianaphylactic	1
Antiasthmatic	5
Antibacillary	1
Antibacterial	15
Antibronchitic	1
Anticancer	3
Anticancer (Cervix)	1
Anticariogenic	5

Activity	Chemical Count
Anticatarrh	1
Anticholinesterase	1
Anticolic	1
Anticonvulsant	2
Antidermatitic	1
Antidiarrheic	1
Antidysenteric	1
Antiedemic	2
Antiemetic	1
Antiesophagitic	1
Antifatigue	1
Antifeedant	6
Antifibrositic	1
Antiflu	3
Antigliomic	1
Antiglutamaergic	1
Antihalitotic	1
Antihelicobacter	2
Antihistaminic	1
Antiinflammatory	7
Antilaryngitic	1
Antileishmanic	1
Antileukemic	1
Antilithic	1
Antilithic?	1
Antilymphomic	2
Antimalarial	1

Activity	Chemical Count
Antimange	1
Antimetastatic (Stomach)	1
Antimite	1
Antimutagenic	3
Antineuralgic	1
Antinitrosaminic	3
Antinociceptive	2
Antiobesity	1
Antionychyotic	1
Antioxidant	5
Antipharyngitic	1
Antiplateque	1
Antiplasmodial	1
Antipneumonic	1
Antiproliferant	4
Antipruritic	1
Antirheumatalgic	1
Antirheumatic	1
Antirhinitic	1
Antiseptic	13
Antishock	1
Antisinusitic	1
Antispasmodic	11
Antistaphylococcic	4
Antistreptococcic	2
Antitumor	2
Antitumor (Breast)	1

Activity	Chemical Count
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	1
Antitumor (Stomach)	1
Antitussive	3
Antiulcer	5
Antiviral	4
Apoptotic	2
Bacteriostatic	1
Barbituate-Synergist	1
Bronchoprotectant	1
Bronchorelaxant	1
Cancer-Preventive	7
Candidicide	3
Candidistat	2
Carcinogenic	1
Carminative	2
Chemopreventive	2
Cholagogue	1
Choleretic	1
Cholesterolytic	1
Cicatrizant	1
CNS-Depressant	2
CNS-Stimulant	2
Coleoptophile	1
Convulsant	2

Activity	Chemical Count
Cosmetic	1
Counterirritant	2
Culicide	2
Cytochrome-P450-Inducer	2
Cytotoxic	1
Decongestant	2
Degranulant	1
Deliriant	1
Dentifrice	1
Deodorant	1
Dermal	1
Detoxicant	1
Diuretic	1
DNA-Binder	1
Ecboic	1
Edemagenic	1
Emetic	2
Emmenagogue	1
Enterocontractant	1
Epileptigenic	1
Estrogenic	1
Expectorant	8
FLavor	17
Fungicide	10
Fungiphilic	1
Fungistat	1
GABA-nergic	1

Activity	Chemical Count
Gastroprotective	2
Gram(+)icide	1
Gram(-)icide	1
GST-Inducer	1
Hepatotoxic	1
Herbicide	8
Histaminic	1
Hypnotic	1
Hypocholesterolemic?	1
Hypotensive	1
Hypothermic	3
Immunomodulator	1
Inflammatory	1
Insect-Repellent	1
Insecticide	7
Insectifuge	16
Insectiphile	2
Interleukin-6-Inhibitor	2
Irritant	12
Larvicide	4
Laxative	2
Lipolytic	1
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	2
Myorelaxant	4
Nematicide	6

Activity	Chemical Count
Neurotoxic	1
NO-Genic	1
Oculoirritant	1
Ornithine-Decarboxylase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	4
P450-Inducer	3
Pediculicide	1
Perfume	1
Perfumery	17
Peristaltic	1
Pesticide	24
Photosensitizer	1
Prooxidant	1
Renoirritant	1
Respirainhibitor	1
Respirastimulant	1
Rubefacient	2
Secretagogue	1
Sedative	8
Spasmogenic	5
Spermicide	1
Stimulant	1
Surfactant	1
Termiticide	1
Termitifuge	2
Testosterone-Hydroxylase-Inducer	1

Activity	Chemical Count
Testosterone-Inducer	1
Tranquilizer	1
Transdermal	6
Trichomonicide	4
Tumor-Promoter	1
Verrucolytic	1
Vibriocide	1
Vulnerary	2