

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in Myroxylon balsamum**

<b>Activity</b>	<b>Chemical Count</b>
Pesticide	19
FLavor	17
Allergenic	14
Antibacterial	14
Fungicide	11
Perfumery	10
Antitumor	10
Irritant	10
Sedative	10
Antiviral	9
Cancer-Preventive	9
Antispasmodic	9
Antiinflammatory	9
Antimutagenic	8
Insectifuge	8
Anesthetic	7
Nematicide	6
Choleretic	6
Antiseptic	6
Herbicide	6
Candidicide	6
Antistaphylococcic	5
Analgesic	5
Antioxidant	5
Aldose-Reductase-Inhibitor	5
Anticariogenic	5
Antiulcer	5

Activity	Chemical Count
Insecticide	5
Antifeedant	4
Antiedemic	4
Antileukemic	4
Allelochemic	4
Antiherpetic	4
Antiacne	4
Tyrosinase-Inhibitor	4
Antiaggregant	4
Antiradicular	4
Hepatoprotective	4
Antimitotic	3
Antipyretic	3
Anticancer	3
Cyclooxygenase-Inhibitor	3
Immunostimulant	3
CNS-Depressant	3
Antitumor-Promoter	3
Phagocytotic	3
Antisalmonella	3
Acaricide	3
COX-2-Inhibitor	3
Antistreptococcic	3
Antihepatotoxic	3
Hypotensive	3
Narcotic	3
Trichomonicide	3

Activity	Chemical Count
Termiticide	3
Lipoxygenase-Inhibitor	3
Prostaglandin-Synthesis-Inhibitor	3
Juvabonal	3
Antinephritic	2
Hypoglycemic	2
Motor-Depressant	2
Piscicide	2
Vasodilator	2
Ornithine-Decarboxylase-Inhibitor	2
Antiasthmatic	2
Antiallergic	2
Antipneumonic	2
Bacteristat	2
Vermifuge	2
Antiflu	2
Antiescherichic	2
Cardiotonic	2
Carcinogenic	2
Antiproliferant	2
Larvicide	2
Dermatitigenic	2
Antiarrhythmic	2
Antiestrogenic	2
Tranquilizer	2
Antidysmenorrhic	2
Antiyeast	2

Activity	Chemical Count
Expectorant	2
Laxative	2
Antitumor (Kidney)	2
Immunosuppressant	2
CNS-Stimulant	2
Apoptotic	2
Antimelanomic	2
Cytotoxic	2
Antitumor (Colon)	2
AntiHIV	2
Neurotoxic	1
Antiarachidonate	1
Chronotropic	1
Trypsin-Enhancer	1
Antiesherichic	1
Antiadenomic	1
Carminative	1
Antisarcomic	1
Testosterone-Inducer	1
Antidysenteric	1
Hepatotropic	1
Carcinogenic?	1
Sprout-Inhibitor	1
Anticonvulsant	1
Gastroprotective	1
Antilisteria	1
Lymphokinetic	1

Activity	Chemical Count
Antiprostaglandin	1
Respirodepressant	1
Anticarcinomic	1
Estrogenic	1
Antitumor (Prostate)	1
Antilactobacillic	1
Larvostat	1
Adrenergic	1
Bruchiphobe	1
Antiplateque	1
Anticancer (Liver)	1
Diuretic	1
Antitumor (GI)	1
Xanthine-Oxidase-Inhibitor	1
Antihypertensive	1
Insectifuge?	1
Artemicide	1
Antigliomic	1
Antinitrosating	1
AntiTGF-beta	1
Ulcerogenic	1
Hypolipidemic	1
Myorelaxant	1
Chemopreventive	1
Antiserotonin	1
Transdermal	1
Histaminic	1

Activity	Chemical Count
Anthelmintic	1
Cardiodepressant	1
Antirenetic	1
Teratogenic	1
Antidiarrheic	1
Hemorrhagic	1
Apifuge	1
Antimalarial	1
Metal-Chelator	1
Antipseudomonic	1
Scabicide	1
Anticarcinomic (Lung)	1
FEMA	1
Leucocytogenic	1
Prostaglandigenic	1
Anticancer (Prostate)	1
Elastase-Inhibitor	1
Antitumor (Liver)	1
Antiischemic	1
Antiperiodontic	1
Anticancer (Colon)	1
Cytochrome-P450-Inhibitor	1
Antitumor (Cervix)	1
Inotropic	1
Antionychyotic	1
P450-2B1-Inhibitor	1
Antibacillary	1

Activity	Chemical Count
Coleoptophile	1
Antithromboxane	1
Uterosedative	1
Hypothermic	1
Antineoplastic	1
Antianemic	1
Trichomonistat	1
Hypnotic	1
Termitifuge	1
Antidrepanocytic	1
Hepatotoxic	1
Antimetastatic	1
Mosquitocide	1
Antipsoriac	1
Spasmogenic	1
Anticomplement	1
Antiurease	1
Antilipolytic	1
Lymphocytogenic	1
Psychotropic	1
Anticarcinogenic	1
Enterorelaxant	1
Antitumor (Pancreas)	1
Antiklebsiellc	1
Beta-Glucuronidase-Inhibitor	1
AntiPGE2	1
Phytoalexin	1

Activity	Chemical Count
Anticancer (Kidney)	1
Antitumor (Forestomach)	1
Vulnerary	1
Antihyperlipidemic	1
Aromatase-Inhibitor	1
Antiotitic	1
Pediculicide	1
Antibrucellosic	1
Antitoxoplasmotic	1
Varroacide	1
Antigingivitic	1
Immunomodulator	1
Antinitrosaminic	1
NF-kB-Inhibitor	1
Circulatory-Stimulant	1
Hypolipemic	1
Mutagenic	1
Chelator	1
Antimononucleotic	1
Cardiac	1
Sunscreen	1
Antidermatitic	1
Glucosyl-Transferase-Inhibitor	1
Antilymphedemic	1
MAO-Inhibitor	1
Antipruritic	1
Rodenticide	1



Activity	Chemical Count
Anticarcinomic (Colon)	1
Antitumor (Skin)	1
Antileishmanic	1
Calcium-Antagonist	1
Antiplasmodial	1
Preservative	1
Anticancer (Pancreas)	1
DME-Inhibitor	1
Insectiphile	1
Arteriodilator	1
Antipeptic	1
Anticancer (Cervix)	1
Cytochrome-P450-Inducer	1
Antitumor (Breast)	1
Vasopressor	1
Antiodontalgic	1
Ovicide	1
Antiatherosclerotic	1
Antithrombic	1
Uricosuric	1
Antifertility	1
Antimycoplasmotic	1
Antiandrogenic	1
Cholagogue	1
Antisickling	1
Antienterococcic	1
Hydrocholerectic	1

Activity	Chemical Count
Antiacetylcholinesterase	1
Cardioprotective	1
Antirheumatalgic	1
Antidiuretic	1
Monoaminergic	1
Antipsittacotic	1
Antileukotriene	1
Allelopathic	1
Antipolio	1
Anticancer (Skin)	1
Emetic	1
Antitumor (Lung)	1
Antikeratotic	1
Abortifacient	1
Beta-Blocker	1
Antiperoxidant	1
Pheromonal	1
Anticancer (Forestomach)	1
Vibriocide	1
Antiophidic	1
P450-Inducer	1
COX-1-Inhibitor	1
AntiTNF	1
Uterotonic	1
Antigenotoxic	1
Hypotriglyceridemic	1