

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Boswellia serrata***

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	1
5-HETE-Inhibitor	1
5-Lipoxygenase-Inhibitor	6
Acaricide	3
ACE-Inhibitor	2
Acetylcholinergic	1
AChE-Inhibitor	1
Aldose-Reductase-Inhibitor	2
Allelochemic	2
Allelopathic	2
Allergenic	7
Analgesic	7
Androgenic	1
Anesthetic	2
Angiogenic	1
Anorexic	1
Anthelmintic	1
Antiacetylcholinesterase	7

Activity	Chemical Count
Antiacne	2
Antiadenomic	2
Antiaggregant	1
Antialcoholic	1
Antiallergenic	1
Antiallergic	6
Antialopepic	1
Antialzheimeran?	1
Antianaphylactic	1
Antiandrogenic	2
Antiarthritic	4
Antiasthmatic	7
Antibacillary	1
Antibacterial	12
Anticancer	2
Anticancer (Breast)	2
Anticancer (Cervix)	1
Anticancer (Gastric)	1
Anticancer (Lung)	1
Anticancer (Pancreas)	1

Activity	Chemical Count
Anticariogenic	2
Anticolic	1
Anticolitic	3
Anticomplement	1
Anticonvulsant	2
AntiCrohn's	3
Antidiabetic	1
Antidote (Camphor)	1
Antidote (Morphine)	1
Antiedemic	8
Antieicosanoid	1
Antiesophagitic	1
Antiestrogenic	1
Antifeedant	4
Antifertility	1
Antifibrinolytic	1
Antiflu	3
Antiglutamaergic	1
Antigonadotrophic	1
Antihangover	1

Activity	Chemical Count
Antihepatotoxic	2
Antihistaminic	1
Antihyperlipoproteinaemic	1
Antiinflammatory	13
Antiketotic	2
Antileukemic	4
Antileukotriene	5
Antilithic	1
Antilithic?	1
Antilymphomic	3
Antimange	1
Antimelanomic	2
Antimeningiomic	1
Antimetastatic (Stomach)	1
Antimite	1
Antimutagenic	4
Antinauseant	1
Antinitrosaminic	2
Antinociceptive	3
Antiobesity	1

Activity	Chemical Count
Antiophidic	1
Antioxidant	8
Antipneumonic	1
Antiprogestational	1
Antiproliferant	2
Antiprostaglandin	1
Antiprostataadenomic	1
Antiprostatitic	1
Antipyretic	1
Antirheumatalgic	1
Antisalmonella	1
Antisecretory	1
Antiseptic	7
Antishock	1
Antispasmodic	9
Antistaphylococcic	2
Antitubercular	1
Antitumor	3
Antitumor (brain)	1
Antitumor (Breast)	3

Activity	Chemical Count
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Gastric)	1
Antitumor (Lung)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	1
Antitumor (Stomach)	1
Antitumor-Promoter	1
Antitussive	2
Antiulcer	4
Antivaricose	1
Antiviral	7
Apoptotic	4
Artemicide	1
Ascaricide	1
Bacteriostatic	1
Barbituate-Synergist	1
Beta-Glucuronidase-Inhibitor	1
Bronchoprotectant	1
Bronchorelaxant	1

Activity	Chemical Count
Calcium-Antagonist	2
Cancer-Preventive	7
Candidicide	4
Candidistat	2
Carcinogenic	1
Carminative	1
Caspase-8-Inducer	1
Chemopreventive	3
Cholagogue	1
Cholesterolytic	1
CNS-Depressant	1
CNS-Stimulant	1
Coleoptophile	1
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Culicide	2
Cyclooxygenase-Inhibitor	1
Cytotoxic	2
Dermal	1
Detoxicant	2

Activity	Chemical Count
Differentiator	3
Diuretic	1
DNA-Binder	2
Elastase-Inhibitor	1
Embryotoxic	1
Emetic	2
Enterocontractant	1
Estrogenic	1
Expectorant	8
Febrifuge	1
Flatugenic	1
FLavor	14
Fungicide	7
Fungiphilic	1
Fungistat	1
GABA-nergic	1
Gastroprotective	2
Gonadotrophic	1
GST-Inducer	1
Hemolytic	1

Activity	Chemical Count
Hepatocarcinogenic	2
Hepatoprotective	3
Herbicide	6
Histaminic	1
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	2
Hyperglycemic	1
Hypnotic	1
Hypocholesterolemic	2
Hypocholesterolemic?	1
Hypoglycemic	1
Hypolipidemic	1
Hypothermic	4
Immunomodulator	1
Insecticide	8
Insectifuge	15
Insectiphile	3
Interleukin-6-Inhibitor	1
Irritant	9
Larvicide	3

Activity	Chemical Count
Laxative	3
Lipolytic	1
Litholytic	1
Lubricant	1
Memory-Enhancer	1
Mosquitocide	1
Mosquitofuge	1
Motor-Depressant	1
Mutagenic	1
Mycobactericide	1
Myorelaxant	2
Nematicide	5
Neoplastic	1
Nephrotoxic	1
NO-Genic	1
Ornithine-Decarboxylase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	4
P450-Inducer	1
Perfumery	11

Activity	Chemical Count
Peristaltic	1
Pesticide	19
Photosensitizer	1
Prooxidant	1
Propepic	1
Renoirritant	1
Sedative	7
Soap	1
Spasmogenic	4
Spermicide	2
Sweetener	2
Termitifuge	1
Topoisomerase-Inhibitor	1
Tranquilizer	1
Transdermal	3
Trichomonicide	3
Tumor-Promoter	1
Ubiquiot	1
Ulcerogenic	1
VEGF-Inhibitor	1

Activity	Chemical Count
Vulnerary	1