

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Zanthoxylum alatum***

<b>Activity</b>	<b>Chemical Count</b>
(+)-Inotropic	1
Abortifacient	2
Acaricide	1
AChE-Inhibitor	1
Adrenolytic	1
Adrenostimulant	1
Allelochemic	1
Allergenic	3
Amebicide	1
Analgesic	2
Anesthetic	3
Anthelmintic	1
Antiacetylcholinesterase	2
Antiacne	1
Antiadenomic	1
Antiadrenergic	1
Antiaggregant	2
Antiallergenic	1

<b>Activity</b>	<b>Chemical Count</b>
Antiallergic	1
Antialzheimeran	1
Antialzheimeran?	1
Antiamnesic	1
Antianaphylactic	1
Antiangiogenic	1
Antiarrhythmic	1
Antiarthritic	1
Antiasthmatic	1
Antibacillus	1
Antibacterial	6
Antibiotic	1
Anticancer	3
Anticancer (Pancreas)	1
Anticariogenic	2
Antichlamydial	1
Anticholecystitic	1
Anticholera	1
Anticirrhotic	1
Anticonjunctivitic	1

<b>Activity</b>	<b>Chemical Count</b>
Anticonvulsant	2
Antidiarrheic	1
Antidiuretic	1
Antidysenteric	1
Antiedemic	1
Antiendotoxic	1
Antienterotoxic	1
Antiescherichic	1
Antiesophagitic	1
Antifeedant	2
Antiflu	1
Antigiardial	1
Antiglaucomic	1
Antigonorrhea	1
Antihelicobacter	2
Antihepatomic	1
Antihepatotic	1
Antiherpetic	2
Antihistaminic	2
Antiinflammatory	3

<b>Activity</b>	<b>Chemical Count</b>
Antiischemic	1
Antileishmanic	2
Antilipogenic	1
Antilithic	1
Antilymphomic	1
Antimalarial	2
Antimelanomic	1
Antimetastatic (Stomach)	1
Antimitotic	1
Antimuscarinic	1
Antimutagenic	1
Antimyalgic	1
Antimycotic	1
Antineoplastic	1
Antinephritic	1
Antiobesity	1
Antioxidant	2
Antiperistaltic	1
Antipharyngitic	1
Antiphotooxidative	1

<b>Activity</b>	<b>Chemical Count</b>
Antiplasmodial	1
Antipneumonic	1
Antipyretic	2
Antisalmonella	2
Antisecretory	1
Antiseptic	5
Antishigellc	1
Antishock	1
Antispasmodic	6
Antispermigenic	1
Antistaphylococcic	1
Antistrep	1
Antisyphilitic	1
Antitrachomic	1
Antitrypanosomic	1
Antitubercular	2
Antitumor	3
Antitumor (brain)	1
Antitumor (Breast)	1
Antitumor (Colon)	2

<b>Activity</b>	<b>Chemical Count</b>
Antitumor (Liver)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antiulcer	3
Antivaginitic	1
Antiviral	4
Apoptotic	2
Ascaricide	1
Astringent	1
Barbituate-Synergist	1
Bilirubolytic	1
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	2
Cancer-Preventive	3
Candidicide	3
Candidistat	1
Carcinogenic	1

<b>Activity</b>	<b>Chemical Count</b>
Cardiodepressant	1
Cardiotonic	2
Carminative	1
Caspase-3-Inducer	1
Chemopreventive	2
Cholagogue	1
Cholekinetic	1
Choleretic	1
Cholesterolytic	1
CNS-Depressant	1
CNS-Stimulant	2
Collyrium	1
COX-2-Inhibitor	1
Cyclooxygenase-Inhibitor	1
Cytotoxic	2
Detoxicant	1
Digestive	1
Diuretic	1
DNA-Binder	1
Ecbolic	1

<b>Activity</b>	<b>Chemical Count</b>
Embryotoxic	1
Emetic	2
Enterocontractant	1
Estrogenic	1
Expectorant	3
FLavor	5
Fungicide	4
Fungiphilic	1
Fungistat	1
Glaucomagenic	2
Glutathionigenic	1
GST-Inducer	1
Hemostat	1
Herbicide	3
Histaminic	1
Hypertensive	1
Hypocholesterolemic	1
Hypoglycemic	1
Hypotensive	1
Hypothermic	1



<b>Activity</b>	<b>Chemical Count</b>
Immunomodulator	1
Immunostimulant	1
Insecticide	2
Insectifuge	2
Insectiphile	1
Interleukin-6-Inhibitor	1
Irritant	1
Lachrymatory	1
Larvicide	2
Leucocytogenic	1
Lipase-Inhibitor	1
Lipolytic	1
Lipoxygenase-Inhibitor	1
Motor-Depressant	1
Mutagenic	1
Mycobactericide	2
Mydriatic	1
Myocardiodepressant	1
Myocontractant	1
Myorelaxant	4

<b>Activity</b>	<b>Chemical Count</b>
Myotonic	1
Nematicide	4
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	1
P450-Inducer	1
Perfumery	5
Peristaltic	1
Pesticide	8
Photoactive	1
Photosensitizer	1
Phototoxic	3
Plasmodicide	1
Prostaglandin-Synthesis-Inhibitor	1
Prostatitigenic	1
Protisticide	1
Respiradepressant	1

<b>Activity</b>	<b>Chemical Count</b>
RNA-Depressant	1
RT-Inhibitor	1
Sedative	6
Stomachic	1
Teratogenic	1
Topoisomerase-II-Inhibitor	1
Transdermal	1
Trichomonicide	3
Trypanocide	2
Tyrosinase-Inhibitor	1
Uterocontractant	3
Uterotonic	1
Vagostimulant	1
Vasoconstrictor	1
Vasodilator	2
Vermifuge	1
Vibriofuge	1