

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Tsuga canadensis*

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
ACE-Inhibitor	1
Aldose-Reductase-Inhibitor	2
Allelopathic	1
Allergenic	1
Analgesic	1
Anthelmintic	2
Antiacetylcholinesterase	1
Antiaflatoxin	1
Antiaggregant	1
Antiallergic	1
Antibacterial	5
Anticancer	2
Anticarcinomic	1
Anticariogenic	1
Anticonvulsant	1
Antidiabetic	1
Antidiarrheic	1
Antidysenteric	1
Antifeedant	3
Antifertility	1
Antiflu	1
Antigingivitic	1
Antihepatotoxic	1
Antiherpetic	1

Activity	Chemical Count
Antihistaminic	1
AntiHIV	2
Antihypertensive	1
Antiimplantation	1
Antiinflammatory	2
Antileukemic	2
Antilipolytic	1
Antilymphocytic	1
Antimutagenic	3
Antinephritic	1
Antinitrosaminic	1
Antinociceptive	1
Antiophidic	1
Antioxidant	4
Antiperiodontic	1
Antiplaque	1
Antiradicular	2
Antirenitic	1
Antiseptic	2
Antiserotonin	1
Antispasmodic	3
Antistaphylococcic	2
Antitumor	3
Antitumor-Promoter	2
Antiulcer	2
Antiviral	3
Aphidifuge	1

Activity	Chemical Count
Apoptotic	1
Aromatase-Inhibitor	1
Artemicide	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	2
Carcinogenic	2
Cerebrodepressant	1
Chelator	1
Chemopreventive	1
Choleretic	1
Convulsant	1
Copper-Chelator	1
Counterirritant	1
COX-2-Inhibitor	1
Cyclooxygenase-Inhibitor	2
Cytotoxic	2
Dermal	1
Diaphoretic?	1
Diuretic	1
Emetic	1
Emmenagogue	1
Epileptigenic	1
Estrogenic	1
Expectorant	1
FLavor	3
Fungicide	4
Glucosyl-Transferase-Inhibitor	1

Activity	Chemical Count
Hallucinogenic	1
Hepatoprotective	2
Herbicide	1
HIV-RT-Inhibitor	1
Hypolipemic	1
Hypotensive	1
Hypothermic	1
ICAM-1-Inhibitor	1
Immunosuppressant	1
iNOS-Inhibitor	1
Inotropic	1
Insectifuge	2
Insectiphile	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	2
JNK-Inhibitor	1
Laxative	1
Lipoxygenase-Inhibitor	2
MAO-Inhibitor	2
Mutagenic	1
Myorelaxant	1
Natriuretic	1
Neuroprotective	1
Neurotoxic	1
NO-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
P450-2B1-Inhibitor	1

Activity	Chemical Count
PAF-Inhibitor	1
Perfumery	4
Pesticide	8
Phytoalexin	1
Piscicide	1
Prostaglandin-Synthesis-Inhibitor	1
Protistocide	1
Psychotropic	1
Quinone-Reductase-Inducer	1
Respirainhibitor	1
Teratologic	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Toxic	1
Tyrosinase-Inhibitor	1
Uterotrophic	1
Vasodilator	1
Xanthine-Oxidase-Inhibitor	1