

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Populus tacamahacca

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	2
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	1
Allergenic	2
Analgesic	2
Anesthetic	1
Antiaflatoxin	4
Antiaggregant	4
Antiaging	1
Antiallergic	3
Antialzheimeran	1
Antianaphylactic	1
Antiangiogenic	2
Antiarthritic	1
Antiasthmatic	1
Antiatherosclerotic	1
Antibacillary	1
Antibacterial	9
Anticancer	2
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	1
Anticolitic	1
Anticomplementary	1
Anticonvulsant	1

Activity	Chemical Count
AntiCrohn's	1
Anticystitic	1
Antidepressant	1
Antidermatitic	1
Antidiabetic	1
Antielastase	1
Antiencephalitic	1
Antiescherichic	1
Antiestrogenic	2
Antifeedant	2
Antifertility	1
Antifibrosarcomic	1
Antiflu	1
Antigastric	1
Antigingivitic	2
Antigonadotropic	1
Antigout	1
AntiGTF	1
Antihemorrhoidal	1
Antihepatotoxic	1
Antiherpetic	3
Antihistaminic	3
AntiHIV	2
Antihydrophobic	1
Antihypertensive	2
Antiimplantation	1
Antiinflammatory	5

Activity	Chemical Count
Antileishmanic	1
Antileukemic	4
Antileukotriene	1
Antilipoperoxidant	1
Antilymphocytic	1
Antimalarial	2
AntiMDR	1
Antimelanomic	1
Antimetastatic	1
Antimutagenic	5
Antimyocarditic	1
Antineuralgic	1
Antinitrosaminic	1
Antinociceptive	1
Antioxidant	5
Antipancreatic	1
Antiperiodic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antiplateau	3
Antiplasmodial	2
AntiPMS	1
Antipodagric	2

Activity	Chemical Count
Antipodriac	1
Antipolio	1
Antiproctalgiac	1
Antiproliferant	2
Antiproliferant (colon)	1
Antiprostanoid	1
Antiprostaitic	1
Antipsoriac	1
Antipyretic	1
Antiradicular	3
Antirheumatic	1
Antirhinoviral	1
Antisalmonella	1
Antiseptic	3
Antiserotonin	1
Antishigellic	1
Antispasmodic	4
Antistaphylococcic	2
Antistreptococcic	1
Antistress	1
Antithiamin	1
Antithrombic	2
Antitrypanosomic	1
Antitumor	3
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Colon)	2

Activity	Chemical Count
Antitumor (Lung)	1
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	3
Antiulcer	3
Antiviral	5
Anxiolytic	1
Apoptotic	3
Aromatase-Inhibitor	3
Artemicide	1
ATPase-Inhibitor	1
Bacteristat	1
Bradycardiac	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	6
Candidicide	2
Capillariprotective	1
Carcinogenic	2
Caspase-3-Inhibitor	1
Caspase-9-Inhibitor	1
Catabolic	1
Choleretic	1
CNS-Depressant	1
COMT-Inhibitor	1
Copper-Chelator	2
COX-2-Inhibitor	2

Activity	Chemical Count
Cyclooxygenase-Inhibitor	3
CYP1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Diaphoretic?	2
Differentiator	1
Diuretic	1
DNA-Protective	1
Dye	1
Emollient	1
Estrogenic	3
Fungicide	5
Glucosyl-Transferase-Inhibitor	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	5
HIV-RT-Inhibitor	2
Hypnotic	1
Hypoglycemic	1
Hypotensive	2
Hypouricemic	1
ICAM-1-Inhibitor	2
iNOS-Inhibitor	2
Inotropic	2
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	1

Activity	Chemical Count
JNK-Inhibitor	2
Juvabional	1
Larvostat	1
Laxative	1
Lipoxygenase-Inhibitor	3
MAO-A-Inhibitor	1
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mutagenic	5
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
NEP-Inhibitor	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Perfumery	1
Pesticide	11

Activity	Chemical Count
PGE2-Inhibitor	1
Pheromone	1
Phospholipase-Inhibitor	1
Plasmodicide	1
Proliferant	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
PTK-Inhibitor	1
Purgative	1
Quinone-Reductase-Inducer	5
Radioprotective	1
Sedative	1
Soporific	1
Stomachic	1
Teratogenic	1
Teratologic	2
Termitifuge	1
Testosterogenic	1
TNF-alpha-Inhibitor	2
Tonic	1
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	2
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Uterorelaxant	1

Activity	Chemical Count
Uterotrophic	1
Vasodilator	4
Vasorelaxant	1
VEGF-Inhibitor	2
Xanthine-Oxidase-Inhibitor	2