

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Rhus toxicodendron

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	3
5-Lipoxygenase-Inhibitor	3
ACE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	2
Allelochemic	2
Allergenic	4
Alpha-Reductase-Inhibitor	1
Analgesic	1
Anemiagenic	1
Antiacne	1
Antiaflatoxin	2
Antiaggregant	2
Antiaging	1
Antiallergenic	1
Antiallergic	3
Antialopepic	3
Antialzheimeran	1
Antianaphylactic	2
Antiandrogenic	3
Antiangiogenic	1
Antiartherosclerotic	1
Antiarthritic	2
Antiasthmatic	1
Antiatherosclerotic	1
Antibacterial	3

Activity	Chemical Count
Anticancer	1
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	1
Anticolitic	1
Anticomplementary	1
Anticoronary	1
AntiCrohn's	1
Anticystitic	1
Antidepressant	1
Antidermatitic	1
Antidiabetic	1
Antieczemic	1
Antielastase	1
Antiencephalitic	1
Antiescherichic	1
Antiestrogenic	1
Antifeedant	2
Antifertility	1
Antifibrinolytic	2
Antifibrosarcomic	1
Antiflu	1
Antigastric	2
Antigingivitic	2
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1

Activity	Chemical Count
AntiGTF	1
Antihepatotoxic	1
Antiherpetic	2
Antihistaminic	5
AntiHIV	2
Antihydrophobic	1
Antihypertensive	1
Antiimplantation	1
Antiinflammatory	5
Antileishmanic	1
Antileukemic	2
Antileukotriene	1
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilymphocytic	1
Antimalarial	1
Antimelanomic	1
Antimenorrhagic	1
Antimetastatic	1
AntiMS	1
Antimutagenic	4
Antimyocarditic	1
Antinitrosaminic	1
Antinociceptive	1
Antioxidant	6
Antipancreatic	1
Antiperiodontal	1

Activity	Chemical Count
Antiperiodontic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	1
Antipharyngitic	1
Antiplaque	3
Antiplasmodial	1
AntiPMS	1
Antipodriac	1
Antipolio	1
Antiproliferant	1
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatic	2
Antipsoriac	1
Antiradicular	2
Antiseptic	2
Antiserotonin	1
Antispasmodic	2
Antistaphylococcic	1
Antistreptococcic	1
Antithiamin	1
Antithrombic	1
Antitrypanosomic	1
Antitumor	2
Antitumor (Bladder)	1
Antitumor (Breast)	1

Activity	Chemical Count
Antitumor (Colon)	1
Antitumor (Lung)	1
Antitumor (Ovary)	1
Antitumor (Skin)	1
Antitumor-Promoter	2
Antiulcer	2
Antiviral	4
Apoptotic	3
Aromatase-Inhibitor	1
ATPase-Inhibitor	1
Bacteristat	1
Bradycardiac	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	6
Candidicide	2
Capillariprotective	1
Carcinogenic	3
Catabolic	1
Cerebrotoxic	1
Choleretic	2
CNS-Toxic	1
Comedolytic	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Copper-Chelator	2
Cosmetic	1

Activity	Chemical Count
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Dermatitigenic	1
Diaphoretic?	2
Differentiator	1
Diuretic	2
Estrogenic	2
FLavor	2
Fungicide	2
Glucosyl-Transferase-Inhibitor	1
Hemolytic	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	3
HIV-RT-Inhibitor	2
Hypercholesterolemic	2
Hypocholesterolemic	2
Hypoglycemic	2
Hypotensive	1
ICAM-1-Inhibitor	1
Immunomodulator	1
Immunostimulant	1
iNOS-Inhibitor	2
Inotropic	2

Activity	Chemical Count
Insectifuge	2
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	2
Irritant	1
JNK-Inhibitor	1
Juvabional	1
Larvostat	2
Lipoxygenase-Inhibitor	5
Lubricant	2
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mutagenic	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	3
NEP-Inhibitor	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Oxidase-Inhibitor	2

Activity	Chemical Count
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Percutaneostimulant	1
Perfumery	1
Pesticide	5
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Plasmodicide	1
Proliferant	1
Propecic	3
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Soap	1
Teratologic	2
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	4
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	2
Uterotrophic	1
Vasodilator	3
VEGF-Inhibitor	1

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	1