

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Hamamelis virginiana

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	2
ACE-Inhibitor	5
Addictive	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	6
Allelochemic	2
Allergenic	3
Analgesic	3
Anesthetic	2
Antiadenovirus	1
Antiaflatoxin	2
Antiaggregant	3
Antiaging	1
Antiallergenic	2
Antiallergic	3
Antialzheimeran	2
Antianaphylactic	2
Antiangiogenic	2
Antiarrhythmic	1
Antiarthritic	1
Antiasthmatic	2
Antiatherosclerotic	1
Antibacterial	9
Antibronchitic	1
Anticancer	3
Anticarcinomic	1

Activity	Chemical Count
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	2
Antichoreic	1
Anticirrhotic	1
Anticolitic	1
Anticomplementary	1
Anticonvulsant	1
AntiCrohn's	1
Anticystinuric	1
Anticystitic	1
Antidementia	1
Antidepressant	1
Antidermatitic	1
Antidiabetic	2
Antidyskinetic	1
Antiedemic	1
Antielastase	2
Antiencephalitic	1
Antiescherichic	2
Antiestrogenic	1
Antifeedant	4
Antifertility	1
Antifibrinolytic	1
Antifibrosarcomic	1
Antiflu	3
Antigastric	2

Activity	Chemical Count
Antigingivitic	2
Antigonadotrophic	1
Antigonadotropic	1
AntiGTF	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatomic	1
Antihepatotoxic	3
Antiherpetic	4
Antihistaminic	3
AntiHIV	4
Antihomocysteine	1
Antihydrocoele	1
Antihydrophobic	1
Antihypertensive	1
Antiimplantation	1
Antiincontinence	1
Antiinflammatory	7
Antileishmanic	2
Antileukemic	3
Antileukotriene	1
Antilipoperoxidant	1
Antilymphocytic	1
Antimalarial	1
Antimanic	1
Antimelanomic	2
Antimetastatic	1

Activity	Chemical Count
AntiMRSA	1
AntiMS	1
Antimutagenic	6
Antimyocarditic	1
Antineoplastic	1
Antinitrosaminic	2
Antinociceptive	3
Antionychogryphotic	1
Antiotitic	1
Antioxidant	10
Antipancreatitis	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antiplatelet	3
Antiplasmodial	1
AntiPMS	1
Antipodriac	1
Antipolio	2
Antiproliferant	1
Antiprostanoid	1
Antiprosthetic	2
Antiproteolytic	1

Activity	Chemical Count
Antipsoriac	1
Antipurpuric	1
Antipyruvetic	1
Antiradicular	4
Antiseptic	5
Antiserotonin	1
Antisinusitic	1
Antispasmodic	3
Antispastic	1
Antistaphylococcic	3
Antisteatotic	1
Antistreptococcic	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antitrypanosomic	1
Antitumor	7
Antitumor (Bladder)	1
Antitumor (Breast)	1
Antitumor (Colon)	1
Antitumor (Lung)	2
Antitumor (Ovary)	2
Antitumor (Skin)	1
Antitumor-Promoter	4
Antiulcer	3
Antiviral	6
Antiwrinkle	1

Activity	Chemical Count
Apoptotic	4
Aromatase-Inhibitor	1
Astringent	1
ATPase-Inhibitor	1
Bacteristat	2
Bradycardiac	1
Bronchodilator	1
Calcium-Antagonist	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	9
Candidicide	3
Capillarigenic	1
Capillariprotective	2
Carcinogenic	5
Cardiodepressant	1
Cardiotonic	1
Cardiotoxic	2
Carminative	1
Catabolic	1
Cerebrotonic	1
Choleretic	4
Cholinergic	1
CNS-Depressant	3
CNS-Stimulant	1
COMP-Inhibitor	1
COMT-Inhibitor	1

Activity	Chemical Count
Controlled	1
Copper-Chelator	2
COX-2-Inhibitor	2
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	2
Cytochrome-P488-Inducer	1
Cytotoxic	3
Deiodinase-Inhibitor	1
Detoxicant	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	1
Diuretic	4
DNA-Binder	1
Dye	1
Emetic	1
Estrogenic	2
Expectorant	1
Floral-Inhibitor	1
Fungicide	5
Glucosyl-Transferase-Inhibitor	1
Gram(+)icide	1
Gram(-)icide	1
Hemolytic	1
Hemostat	3

Activity	Chemical Count
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	4
Hepatoregenerative	1
Hepatotonic	1
Hepatotoxic	1
HIV-RT-Inhibitor	2
Hypocholesterolemic	1
Hypoglycemic	3
Hypotensive	5
Hypothermic	1
ICAM-1-Inhibitor	1
Ileorelaxant	1
Immunomodulator	2
Immunostimulant	3
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insectiphile	2
Insulin-Sparing	1
Insulinogenic	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	1
Larvostat	2

Activity	Chemical Count
Lipotropic	1
Lipoxygenase-Inhibitor	3
MAO-A-Inhibitor	2
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mutagenic	4
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	2
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2
Neurotoxic	1
NF-kB-Inhibitor	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Oxidase-Inhibitor	1
P450-1A-Inducer	1
P450-2B-Inducer	1
P450-Inducer	2
P450-Inhibitor	1

Activity	Chemical Count
PAF-Inhibitor	1
Paralytic	1
Parasympathomimetic	1
Pediculicide	1
Perfume	1
Perfumery	2
Pesticide	10
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Plasmodicide	1
Proliferant	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychoactive	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	4
Respiraparalytic	1
Reverse-Transcriptase-Inhibitor	2
Rodenticide	1
Styptic	1
Teratologic	2
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	5
Tremorigenic	2
Trichomonicide	1

Activity	Chemical Count
Tumorigenic	1
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	2
Uterotrophic	1
Vasodilator	4
Vasopressor	1
VEGF-Inhibitor	1
Xanthine-Oxidase-Inhibitor	2