

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Hydrangea arborescens*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Absorbent	1
ACE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	5
Allelochemic	3
Allergenic	3
Amphiglycemic?	1
Analgesic	4
Androgenic?	1
Angiotensin-Receptor-Blocker	2
Anorexic	1
Antiacne	5
Antiacrodermatitic	1
Antiacrodynic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	6
Antiaging	4
Antiakathisic	1
Antialcoholic	3
Antiallergic	6
Antialopepic	1
Antialzheimeran	4

Activity	Chemical Count
Antiamblyopic	1
Antianaphylactic	1
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiartherosclerotic	1
Antiarthritic	8
Antiasthmatic	5
Antiatherogenic	1
Antiatherosclerotic	7
Antibacterial	6
AntiBPH	1
Anticancer	3
Anticanker	2
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	7
Anticephalagic	2

Activity	Chemical Count
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlastogen	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	1
Anticonvulsant	3
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	2
Antidecubitic	2
Antidementia	4
Antidepressant	6
Antidermatitic	3
Antidiabetic	8
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2

Activity	Chemical Count
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidysphagic	1
Antieczemic	2
Antiedemic	4
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	1
Antiestrogenic	1
Antifatigue	4
Antifeedant	2
Antifertility	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1

Activity	Chemical Count
Antigallstone	1
Antigastric	1
Antigastritic	1
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	3
Antiglossitic	1
Antiglycosuric	1
Antigonadotropic	1
Antigout	1
AntiGTF	1
Antihangover	3
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatic	1
Antihepatotoxic	3
Antiherpetic	4
Antiherpetic?	1
Antihistaminic	6
AntiHIV	3
Antihydrophobic	1
Antihyperactivity	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	6
Antihypoglycemic	1

Activity	Chemical Count
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	7
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1
Antileishmanic	1
Antileptic	2
Antileukemic	3
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	2
Antilipoperoxidant	2
Antilithic	2
Antilupus	1
AntiLyme	4
Antilymphocytic	1
Antilymphomic	1
Antimaculitic	4
Antimalarial	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1

Activity	Chemical Count
Antimelanomic	3
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	4
Antimigraine	3
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	6
Antimyalgic	1
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	1
Antineuramidase	1
Antineuropathic	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	4
Antionychyotic	1
Antiorchitic	1

Activity	Chemical Count
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxidant	8
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplaque	4
Antiplasmodial	1
Antiplaquet	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	1

Activity	Chemical Count
Antiporphyrin	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatic	2
Antiprotozoal	1
Antipsoriac	2
Antipurpuric	1
Antipyretic	1
Antiradicular	6
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	4
Antiserotonin	1
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	8
Antispasmophilic	1
Antistaphylococcic	2
Antistomatitic	1

Activity	Chemical Count
Antistreptococcic	1
Antistress	4
Antistroke	2
Antisunburn	1
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	1
Antititic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitumor	5
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Gastric)	1
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Prostate)	2
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antiulcer	6

Activity	Chemical Count
Antiulcerogenic	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	4
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	5
AP-1-Inhibitor	1
Apoptotic	5
Aromatase-Inhibitor	1
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	9
Candidicide	3
Capillariprotective	2
Carcinogenic	2

Activity	Chemical Count
Cardiomyopathogenic	1
Cardioprotective	7
Cardiotoxic	1
Catabolic	2
Cathartic	1
Chemopreventive	2
Choleretic	2
Circulotonic	1
CNS-Depressant	1
Cold-preventive	1
Collagenic	2
Colorant	1
COMT-Inhibitor	1
Copper-Antagonist	1
Copper-Chelator	2
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Deodorant	1
Depressant	1
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	2

Activity	Chemical Count
Differentiator	1
Diuretic	5
Emollient	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	2
Estrogenic?	1
Fibrinolytic	1
Fistula-Preventive	1
Fungicide	4
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Hemostat	2
Hepatomagenic	2
Hepatoprotective	4
Hepatotoxic	1
HIV-RT-Inhibitor	2
Hypertensive	1
Hypocholesterolemic	6
Hypoglycemic	5
Hypolipidemic	1
Hypotensive	8
ICAM-1-Inhibitor	1
Immunomodulator	6
Immunostimulant	5

Activity	Chemical Count
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectiphile	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
JNK-Inhibitor	1
Juvabional	2
Larvostat	2
Laxative	3
Leptogenic	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	2
Mucolytic	1
Mutagenic	3

Activity	Chemical Count
Myoprotective	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Natriuretic	1
NEP-Inhibitor	1
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Perfumery	1
Pesticide	9
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1
Photoactive	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Proliferant	1
Prooxidant	2

Activity	Chemical Count
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Sedative	1
Serotonergic	1
Spermigenic	1
Sunscreen	2
Taenicide	1
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Tranquilizer	2
Trichomonicide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquit	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1

Activity	Chemical Count
Uterotrophic	1
Vasodilator	8
Vasopressor	1
VEGF-Inhibitor	2
Vulnerary	2
Xanthine-Oxidase-Inhibitor	2