

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Asimina triloba***

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	1
Acaricide	1
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
AChE-Inhibitor	1
Acidulant	2
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	3
Allelochemic	3
Allergenic	7
Alpha-Reductase-Inhibitor	1
Analgesic	6
Androgenic?	1
Anemiagenic	1
Angiotensin-Receptor-Blocker	3
Anthelmintic	1
Antiacetylcholinesterase	1
Antiacid	1
Antiacne	4
Antiacrodermatitic	1
AntiADD	1
Antiadenomic	1
Antiadenoviral	1

Activity	Chemical Count
Antiadrenergic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	4
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	3
Antialopepic	4
Antialzheimeran	3
Antialzheimeran?	1
Antianaphylactic	2
Antiandrogenic	3
Antianemic	2
Antianginal	1
Antiangiogenic	2
Antianorectic	1
Antianorexic	1
Antianxiety	3
Antiarrhythmic	3
Antiartherosclerotic	2
Antiarthritic	9
Antiasthmatic	5
Antiatherogenic	1

Activity	Chemical Count
Antiatherosclerotic	4
Antibacterial	8
AntiBPH	1
Anticancer	4
Anticancer (Pancreas)	1
Anticanker	2
Anticarcinogenic	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticataract	4
Anticephalagic	1
Anticervicaldysplastic	2
AntiCFS	2
Anticheilitic	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	1
Anticonvulsant	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	2
Antidecubitic	1

Activity	Chemical Count
Antidementia	3
Antidepressant	8
Antidepressant?	1
Antidermatitic	1
Antidermatophytic	1
Antidiabetic	7
Antidiabetic?	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrheic	1
Antieczemic	4
Antiedemic	3
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	6
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4

Activity	Chemical Count
Antiescherichic	2
Antiesophagitic	1
Antiestrogenic	1
Antifatigue	3
Antifeedant	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	3
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antigonadotropic	2
Antigranular	1
Antigrey	1
AntiGTF	1
Antihangover	3
Antihemolytic	1
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1

Activity	Chemical Count
Antihepatotoxic	4
Antiherpetic	4
Antiherpetic?	1
Antihiccup	1
Antihistaminic	4
AntiHIV	3
Antihydrophobic	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	9
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	7
Antiinsomniac	4
Antiketotic	2
AntiLegionella	1
Antileishmanic	1
Antileptic	2
Antileukemic	2
Antileukonychic	1
Antileukoplakic	1

Activity	Chemical Count
Antileukotriene	2
Antileukotriene-D4	2
Antilipoperoxidant	2
Antilithic	4
Antilupus	1
AntiLyme	2
Antilymphomic	2
Antimaculitic	3
Antimalarial	2
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	2
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	2
Antimetastatic (Stomach)	1
Antimigraine	3
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2
Antimutagenic	5
Antimyocarditic	1
Antinauseant	1
Antinephritic	1

Activity	Chemical Count
Antinephrolytic	1
Antineuramidase	1
Antineuropathic	1
Antineurotic	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	1
Antinyctalopic	1
Antiobesity	5
Antiophidic	1
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	6
Antiototic	1
Antioxidant	13
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	5
Antiparotitic	1
Antipellagic	1
Antiperiodontal	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1



Activity	Chemical Count
Antiperoxidant	2
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	1
Antipityriasic	1
Antiplaque	3
Antiplasmodial	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	1
Antiporphyric	1
Antiprolactin	1
Antiproliferant	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatitic	5
Antipruritic	1
Antipsoriac	2
Antipsychotic	1
Antipyretic	1
Antiradicular	4
AntiRaynaud's	2
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1

Activity	Chemical Count
Antirheumatic	5
Antirhinitic	1
Antisalmonella	1
Antiscoliotic	1
Antiscorbutic	1
Antiseborrheic	1
Antiseptic	7
Antishingles	1
Antisickling	2
Antispare-Tire	1
Antispasmodic	8
Antispasmophilic	1
Antistaphylococcic	2
Antistomatitic	2
Antistreptococcic	2
Antistress	4
Antistroke	2
Antisunburn	1
Antisyndrome-X	4
Antithiamin	2
Antithrombic	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitrypanosomic	1
Antitubercular	1

Activity	Chemical Count
Antitumor	8
Antitumor (Bladder)	1
Antitumor (Breast)	3
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Gastric)	1
Antitumor (Lung)	3
Antitumor (Ovary)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	2
Antitumor (Skin)	2
Antitumor (Stomach)	2
Antitumor-Promoter	2
Antiulcer	9
Antiulcerogenic	1
Antiuremic	1
Antivaccinia	1
Antivaricose	1
Antiviral	4
Antiviral?	1
Antivitaligic	1
Antixerophthalmic	1
Anxiolytic	6
Aphicide	1
Aphrodisiac	1
Apoptotic	4
Artemicide	1

Activity	Chemical Count
Ascaricide	1
Asthma-preventive	1
Astringent	1
Atherogenic	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchoprotectant	1
Bruchifuge	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	15
Candidicide	5
Candidistat	1
Capillariprotective	2
Carcinogenic	4
Cardioprotective	4
Cardiotoxic	1
Carminative	1
Catabolic	1
Cataleptic	1
Chemopreventive	3

Activity	Chemical Count
Cholagogue	1
Choleretic	2
Cholesterolytic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	2
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Collyrium	1
Colorant	1
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Demulcent	1

Activity	Chemical Count
Deodorant	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Diuretic	7
DNA-Active	1
DNA-Protective	1
Embryotoxic	1
Emetic	2
Encephalopathic	1
Enterocontractant	1
Ergogenic	1
Essential	8
Estrogenic	1
Expectorant	2
Fistula-Preventive	1
Flatugenic	1
FLavor	13
Fungicide	6
Fungiphilic	1
Fungistat	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
GST-Inducer	1

Activity	Chemical Count
Hemolytic	1
Hemostat	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	4
Hepatotropic	1
Herbicide	3
Histamine-Inhibitor	1
Histaminic	1
HIV-RT-Inhibitor	1
Hypercholesterolemic	3
Hyperglycemic	1
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	7
Hypoglycemic	4
Hypotensive	7
Hypouricemic	1
Immunomodulator	5
Immunostimulant	5
Immunosuppressant	2
iNOS-Inhibitor	1
Inotropic	1
Insecticide	1
Insectifuge	5
Insectiphile	1

Activity	Chemical Count
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Irritant	3
Juvabional	1
Keratolytic	1
Larvicide	1
Larvostat	1
Laxative	5
Leptogenic	1
Leukotriene-Inhibitor	1
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	2
Lithogenic	1
Litholytic	1
Lubricant	3
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator	1
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1



Activity	Chemical Count
Metastatic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	1
Mutagenic	1
Mycobactericide	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
Narcotic	1
Nematicide	8
Nematistat	1
Neoplastic	1
NEP-Inhibitor	1
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	1
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	2
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Oxidant	2
Ozone-Scavenger	1

Activity	Chemical Count
P450-Inducer	2
P450-Inhibitor	1
Parasiticide	1
Percutaneostimulant	1
Perfumery	5
Peristaltic	1
Pesticide	16
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1
Photosensitizer	1
Pigment	1
Pituitary-Stimulant	1
Plasmodicide	1
Preservative	1
Prolactinogenic	1
Proliferant	1
Prooxidant	4
Propepic	4
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	1
Respirastimulant	1
Respirotoxic	1
Roborant	1

Activity	Chemical Count
Scabicide	1
Sedative	7
Serotoninerpic	1
Soap	1
Spermigenic	2
Stimulant	2
Sunscreen	1
Suppository	1
Sweetener	2
Teratologic	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Tranquilizer	2
Transdermal	1
Tremorigenic	1
Trichomonicide	3
Triglycerigenic	1
Tumor-Promoter	1
Tumorigenic	2
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Uricogenic	1
Uricosuric	2

Activity	Chemical Count
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Vasodilator	8
VEGF-Inhibitor	1
Vulnerary	5
Xanthine-Oxidase-Inhibitor	2