

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Panax quinquefolius***

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	1
Abortifacient	2
Absorbent	1
Acaricide	1
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
AChE-Inhibitor	1
Acidifier	1
Acidulant	3
Acnegenic	1
ACTH-genic	1
Adaptogenic	1
Additive	2
Adjuvant	1
Aggregant	1

Activity	Chemical Count
Aldose-Reductase-Inhibitor	6
Allelopathic	2
Allergenic	6
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	9
Androgenic	2
Anemiagenic	1
Anesthetic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anthelmintic	2
Antiacetylcholinesterase	2
Antiacid	1
Antiacne	4
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
AntiAddisonian	1

Activity	Chemical Count
Antiadenomic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	11
Antiaging	1
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	7
Antialopepic	5
Antialzheimeran	4
Antialzheimeran?	1
Antiamblyopic	1
Antiamnesic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	6
Antianginal	2

Activity	Chemical Count
Antiangiogenic	3
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiarabiflavinotic	1
Antiarrhythmic	6
Antiarteriosclerotic	3
Antiarthritic	10
Antiasthmatic	4
Antiatheromic	1
Antiatherosclerotic	7
Antibacterial	19
Antibiotic	1
AntiBPH	1
Antibradykinic	1
Anticalculic	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	2

Activity	Chemical Count
Anticancer (Colon)	1
Anticancer (Esophagus)?	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	2
Anticapillarihemorrhagic	1
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic	1
Anticariogenic	3
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	3
Anticervicaldysplasic	4
AntiCFS	2
Anticheilitic	4
Antichilblain	2
Anticholinesterase	1

Activity	Chemical Count
Antichoreic	1
Anticirrhotic	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	1
Anticomplement	1
Anticonvulsant	3
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
Anticystinuric	1
Anticystitic	1
Anticytotoxic	1
Antidandruff	3
Antidecubitic	2
Antidementia	5
Antidepressant	7

Activity	Chemical Count
Antidepressant?	1
Antidermatitic	5
Antidermatotic	1
Antidiabetic	14
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidiuretic	2
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Camphor)	1
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Morphine)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	2
Antidote (pesticides)	1
Antidysenteric	1

Activity	Chemical Count
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	2
Antidysphagic	1
AntiEBV	1
Antieclamptic	1
Antieczemic	5
Antiedemic	9
Antiencephalitic	1
Antiencephalopathic	6
Antiencephalopathic?	1
Antiendometriotic	2
Antiendotoxic	1
Antienteritic	1
Antienterotic	1
Antiepiglottitic	1
Antiepileptic	5
Antiestrogenic	2
Antiexudative	1
Antifatigue	8

Activity	Chemical Count
Antifeedant	3
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrotic	2
Antiflu	3
Antifuruncular	1
Antigallstone	2
Antigastritic	3
Antigastrotic	1
Antigingivitic	6
Antiglaucomic	2
Antigliomic	1
Antiglossitic	3
Antigoiter	1
Antigonadotrophic	1
Antigout	1
Antigranular	1
Antigranulocytopenic	1
Antigrey	1

Activity	Chemical Count
Antihangover	4
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	2
Antihepatocarcinogenic	1
Antihepatoglycogenic	1
Antihepatomic	1
Antihepatotic	1
Antihepatotoxic	7
Antiherpetic	5
Antiherpetic?	1
Antihiccup	1
Antihistaminic	6
AntiHIV	3
Antihomocysteine	1
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperglycemic	1

Activity	Chemical Count
Antihyperkinetic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihypoglycemic	1
Antiichthyosic	1
Antiilus?	1
Antiimplantation	1
Antiimpotence	3
Antiinfective	1
Antiinfertility	5
Antiinflammatory	24
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	1
Antiinsulinogenic	1
Antiischemic	1
Antikeratitic	1
Antiketotic	2
Antileishmanic	2

Activity	Chemical Count
Antileptic	2
Antileukemic	5
Antileukonychic	1
Antileukotriene	1
Antileukotriene-D4	2
Antilipolytic	2
Antilithic	5
AntiLyme	4
Antilymphocytic	1
Antilymphomic	2
Antimaculitic	2
Antimalarial	4
Antimanic	2
Antimastalgic	1
Antimeasles	1
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetaplastic	1
Antimetastatic	2

Activity	Chemical Count
Antimigraine	3
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2
Antimutagenic	10
Antimyasthenic	1
Antimyelotoxic	2
Antimyocarodtic	1
Antinauseant	1
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	3
Antineuramidase	1
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	1
Antinitrosic	1

Activity	Chemical Count
Antinociceptive	5
Antinyctalopic	1
Antiobesity	5
Antioncycchomycotic	1
Antionychyotic	2
Antiophidic	3
Antiophthalmic	2
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiotitic	2
Antiototic	1
Antioxalate	1
Antioxidant	27
Antioxidant Synergist	3
Antioxidant?	2
Antiparkinsonian	5
Antiparotitic	1
Antipellagic	3
Antiperiodic	1

Activity	Chemical Count
Antiperiodontal	1
Antiperiodontic	3
Antiperiodontitic	4
Antiperoxidant	3
AntiPGE2	1
Antiphenylketonuric	1
Antiphlebitic	1
Antiphotophobic	1
Antiplateau	6
Antiplasmodial	3
Antipleuritic	1
AntiPMS	3
Antipneumonic	1
Antipodagric	1
Antipodriac	1
Antipoliomyelitic	1
Antipolyp	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	2

Activity	Chemical Count
Antiprostaglandin	2
Antiprostatadenomic	2
Antiprostatitic	5
Antipruritic	1
Antipsoriac	2
Antipsychotic	3
Antipyretic	5
Antiradicular	5
Antiraucedo	1
AntiRaynaud's	3
Antirenitic	1
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	7
Antirheumatitic?	1
Antirhinitic	2
Antirhinoviral	1
Antisalmonella	2
Antisarcomic	1

Activity	Chemical Count
Antischizophrenic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	5
Antisecretory	1
Antiseptic	12
Antiserotonin	2
Antishingles	1
Antishock	1
Antisickling	4
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	9
Antispasmophilic	1
AntiSpina-Bifida	2
Antistaphylococcic	3
Antisteatotic	1
Antistomatitic	1
Antistreptococcic	1
Antistress	5

Activity	Chemical Count
Antistroke	2
Antisyncope	1
Antisyndrome-X	5
Antitachycardic	1
AntiTGF-beta	1
Antithrombic	1
Antithrombotic	1
Antithyrototoxic	2
Antitic	1
Antitinnitic	1
Antitonsilitic	1
Antitriglyceride	1
Antitubercular	2
Antitumor	20
Antitumor (Breast)	2
Antitumor (Cervix)	2
Antitumor (Colon)	3
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	1
Antitumor (Gastric)	1

Activity	Chemical Count
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor-Promoter	4
Antitussive	1
Antitympanic	1
Antiulcer	18
Antiuremic	1
Antiurethrotic	1
Antivaginitic	3
Antivaricose	2
Antivertigo	1
Antiviral	14
Antiviral?	1
Antivitaligic	1
Antiyeast	1

Activity	Chemical Count
Anxiolytic	6
Aphrodisiac	3
Apoptotic	4
Aromatase-Inhibitor	2
Artemicide	2
Arteriodilator	2
Ascaricide	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	1
Avifuge	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	2
Bruchiphobe	2
Calcium-Antagonist	13
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1

Activity	Chemical Count
Cancer-Preventive	30
Cancer-Preventive?	1
Cancerostatic	1
Candidicide	5
Carcinogenic	5
Cardiac	1
Cardiodepressant	1
Cardiomyopathogenic	1
Cardioprotective	8
Cardioprotective?	1
Cardiotonic	3
Cardiotoxic	1
Caspase-8-Inducer	1
Cerebrotonic	2
Cerebrotoxic	1
Chelator	1
Chemopreventive	2
Cholagogue	1
Choleretic	7
Cholinergic	1

Activity	Chemical Count
Circulotonic	1
CNS-Depressant	1
CNS-Sedative	2
CNS-Stimulant	4
Cold-preventive	1
Collagenic	2
Collyrium	1
Comedogenic	1
Comedolytic	2
Contraceptive	1
Convulsant	1
Copper-Antagonist	1
Copper-Chelator	1
Corrosive	1
Corticomimetic	1
Corticosterogenic	2
Corticosteroidogenic	5
Cortocosterone-genic	1
Cosmetic	2
Counterirritant	1

Activity	Chemical Count
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	4
Cytotoxic	5
Demulcent	2
Deodorant	1
Dermatitigenic	4
Detoxicant	3
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic?	1
Disinfectant	1
Diuretic	11
Dye	2
Elastase-Inhibitor	1
Emetic	1
Emollient	1
Encephalopathic	2
Endrocrin-Tonic	1
Ergogenic	1
Erythrocytogenic	1

Activity	Chemical Count
Essential	8
Estrogenic	6
Ethanolytic	1
Expectorant	2
Febrifuge	1
Fibrinolytic	3
Fistula-Preventive	1
Flatugenic	2
FLavor	18
FPTase-Inhibitor	1
Fungicide	13
Fungistat	2
Fungitoxic	1
Gastroprotective	2
Glucogonogenic	1
Glucosyl-Transferase-Inhibitor	1
Glutathionalytic	1
Glutathionergic	1
Glutathionigenic	1
Goitrogenic	1

Activity	Chemical Count
Gonadotrophic	2
Hallucinogenic	1
Hematopoietic	2
Hemolytic	2
Hemopoietic	1
Hemostat	2
Hepatoprotective	11
Hepatotoxic	3
Hepatotropic	1
Herbicide	3
HIV-RT-Inhibitor	1
Homeostatic	1
Hyaluronidase-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	2
Hypertensive	2
Hyperthyroid	1
Hyperuricemic	1
Hypoammonemic	1

Activity	Chemical Count
Hypoarginanemic	1
Hypocholesterolemic	21
Hypoglycemic	24
Hypolipemic	1
Hypolipidemic	3
Hypotensive	13
Hypothermic	1
Hypotriglyceridemic	3
Hypouricemic	1
ICAM-1-Inhibitor	1
Ileorelaxant	1
Immunomodulator	9
Immunostimulant	6
Immunosuppressant	3
iNOS-Inhibitor	1
Inotropic	1
Insecticide	1
Insectifuge	9
Insulinase-Inhibitor	1
Insulinic	1

Activity	Chemical Count
Insulinogenic	2
Insulinotonic	1
Interferonogenic	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	10
JNK-Inhibitor	1
Keratitogenic	1
Keratolytic	2
Lactogenic	1
Larvicide	2
Laxative	8
Laxative?	2
Leptingenic	1
Leucocytogenic	1
Lipogenic	1
Lipolytic	3
Lipotropic	2
Lipoxygenase-Inhibitor	4
Lithogenic	2
Litholytic	2

Activity	Chemical Count
Lubricant	3
Lymphagogue	1
MAO-Inhibitor	2
MDR-Inhibitor	8
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	1
Metastatic	1
Monoamine-Precursor	2
Mosquitocide	2
Motor-Depressant	1
Mucogenic	1
Mucolytic	2
Mutagenic	1
Mycobactericide	2
Mycorelaxant	1
Myocardiotoxic	1
Myorelaxant	2
Myostimulant	2
Natriuretic	2

Activity	Chemical Count
Nematicide	3
Neoplastic	1
Nephrotoxic	3
Neuroexcitant	1
Neurogenic	2
Neuroinhibitor	1
Neuroprotective	1
Neurotoxic	2
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1
NO-Inhibitor	1
Odontolytic	1
Ophthalmic-Antialkali	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Osteolytic	1
Ovulant	1
Oxidant	2
PAF-Inhibitor	2

Activity	Chemical Count
Pancreatotoxic	1
Parasiticide	1
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	16
Peristaltic	1
Pesticide	32
Phagocytotic	3
Pheromone	1
Phytoalexin	1
Piscicide	1
Pituitary-Stimulant	2
Poultice	1
Preservative	3
Prooxidant	1
Propepic	4
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	3
Proteinogenic	1
Protisticide	3

Activity	Chemical Count
Psychotropic	1
Pulifuge	1
Pulmonotoxic	1
Pyrogenic	2
Quinone-Reductase-Inducer	1
Refrigerant	1
Respirastimulant	1
Roborant	1
Rubefacient	1
Scabicide	1
Schizophrenigenic	1
Secretomotor	1
Sedative	9
Sequestrant	1
Serotoninerpic	1
Sialogogue	1
Soap	1
Spermicide	2
Spermigenic	2
Stimulant	1

Activity	Chemical Count
Stomachic	1
Sunscreen	2
Suppository	1
Sweetener	7
Teratologic	1
Termitifuge	2
Testosteronigenic	1
Thermogenic	1
Thymolytic	1
Thyrotropic	2
Tineacide	1
TNF-alpha-Inhibitor	1
Tonic	1
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	1
Toxic	2
Tranquilizer	5
Transdermal	2
Tremorigenic	1

Activity	Chemical Count
Trichomonicide	1
Triglycerigenic	1
Tyrosinase-Inhibitor	3
Ubiquiot	3
Ulcerogenic	3
Uricogenic	1
Uricosuric	5
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	1
Uterotonic	1
Uterotrophic	1
Vasodilator	15
Vasopressor	1
Vasoprotective	1
Vasotonic	1
Venotonic	1
Vermifuge	1

Activity	Chemical Count
Verrucolytic	1
Vulnerary	5
Xanthine-Oxidase-Inhibitor	3