

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Pastinaca sativa***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	6
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
Acaricide	4
Acarifuge	1
ACE-Inhibitor	4
AChE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	8
Allelochemic	5
Allelopathic	1
Allergenic	8
Alpha-Reductase-Inhibitor	1
Amphetaminagenic	1
Amphiglycemic?	1

Activity	Chemical Count
Analgesic	6
Androgenic	1
Androgenic?	1
Anemiagenic	2
Anesthetic	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Antiacetylcholinesterase	4
Antiacne	6
Antiacrodermatitic	1
Antiacrodynamic	1
Antiadenomic	1
Antiadrenalinic	1
Antiaflatoxin	5
AntiAGE	2
Antiaggregant	9
Antiaging	4
Antiakathisic	1
Antialcoholic	4
Antiallergic	7

Activity	Chemical Count
Antiallopecic	5
Antialzheimeran	5
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	3
Antianemic	4
Antianginal	2
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiapertif	1
Antiapoplectic	1
Antiappetant	1
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarteriosclerotic	2
Antiarthritic	11
Antiasthmatic	5

Activity	Chemical Count
Antiatherogenic	1
Antiatherosclerotic	6
Antibacillary	1
Antibackache	1
Antibacterial	13
Antiberiberi	1
AntiBPH	1
Anticancer	4
Anticancer (Esophagus)?	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	7
Anticephalagic	3
Anticervicaldysplasic	4
AntiCFS	3

Activity	Chemical Count
Anticheilitic	3
Antichilblain	1
Anticirrhotic?	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1
Anticonvulsant	7
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1

Activity	Chemical Count
Antidementia	5
Antidepressant	8
Antidermatitic	5
Antidiabetic	10
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	4
Antiedemic	3
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	2
Antiendometriotic	2

Activity	Chemical Count
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	1
Antiesophagitic	1
Antiestrogenic	1
Antifatigue	7
Antifeedant	7
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	2
Antiflu	4
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	3

Activity	Chemical Count
Antiglaucomic	3
Antiglossitic	2
Antiglycosuric	1
Antigonadotropic	1
Antigranular	1
Antigrey	1
AntiGTF	1
Antihangover	4
Antiheartburn	1
Antihelicobacter	1
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatotoxic	3
Antiherpetic	5
Antiherpetic?	1
Antihistaminic	11
AntiHIV	2
Antihydrophobic	1

Activity	Chemical Count
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	8
Antihypoglycemic	1
Antiichthyotic	1
Antiilus?	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	21
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1
Antijet-lag	1
Antikeratitic	1
Antikeratotic	1
Antileishmanic	1

Activity	Chemical Count
Antileptic	2
Antileucodermic	1
Antileukemic	2
Antileukodermic	3
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	1
Antileukotriene-D4	4
Antilipogenic	1
Antilipoperoxidant	2
Antilithic	3
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	3
Antimalarial	2
Antimastalgic	1
Antimastitic	1

Activity	Chemical Count
Antimeasles	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	3
Antimenorrhagic	3
Antimetastatic	4
Antimetastatic (Stomach)	1
Antimigraine	4
Antimitotic	7
Antimitral-valve-prolapse	1
AntiMS	3
Antimutagenic	14
Antimycotic	1
Antimyelotoxic	1
Antimyocarditic	2
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1

Activity	Chemical Count
Antineuritic	1
Antineuropathic	3
Antineurotic	1
Antinicotinic	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	1
Antiobesity	6
Antionychyotic	1
Antiorchitic	1
Antiosteoarthritic	3
Antiosteoporotic	9
Antiototic	1
Antioxidant	15
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	2
Antiparotitic	1

Activity	Chemical Count
Antipellagic	2
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	4
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	2
Antiplatelet	5
Antiplasmodial	1
Antiplatelet	3
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyrin	1

Activity	Chemical Count
Antiprolactin	1
Antiproliferant	3
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatitic	4
Antiprotozoal	1
Antipruritic	1
Antipsoriac	6
Antipsychotic	1
Antipurpuric	1
Antipyretic	1
Antiradicular	5
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	4
Antirheumatitic?	1
Antirhinitic	1
Antirhinoviral	1

Activity	Chemical Count
Antiscleromyxoedemic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	9
Antiserotonin	1
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	19
Antispasmophilic	1
AntiSpina-Bifida	1
Antistaphylococcic	3
Antistomatitic	1
Antistreptococcic	1
Antistress	5
Antistroke	2
Antisunburn	1
Antisyndrome-X	5
Antithiamin	1

Activity	Chemical Count
Antithrombic	1
Antithrombogenic	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	3
Antitumor	9
Antitumor (Bladder)	1
Antitumor (Breast)	3
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	3
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	2
Antitumor (Skin)	1

Activity	Chemical Count
Antitumor (Stomach)	2
Antitumor-Promoter	7
Antiulcer	9
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	9
Antiviral?	1
Antivertilgic	3
Antixerophthalmic	1
Anxiolytic	4
Apoptotic	5
Aromatase-Inhibitor	1
Artemicide	3
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Bacteriophagicide	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1

Activity	Chemical Count
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchoprotectant	1
Bufocide	2
Calcium-Antagonist	9
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	26
Candidicide	4
Candidistat	1
Capillariprotective	2
Carcinogenic	4
Carcinogenic?	1
Cardiomyopathogenic	1
Cardioprotective	8
Cardiotoxic	1
Catabolic	2
Chemopreventive	4

Activity	Chemical Count
Choleretic	5
Cholesterolytic	1
Circulotonic	1
Clastogenic	1
CNS-Depressant	3
CNS-Paralytic	1
Cold-preventive	1
Collagenic	2
Colorant	1
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	2
Copper-Antagonist	1
Copper-Chelator	2
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1

Activity	Chemical Count
Cytochrome-P450-Inhibitor	2
Cytoprotective	1
Cytotoxic	6
Cytotoxic (Breast)	3
Cytotoxic (Colon)	3
Cytotoxic (Lung)	2
Deiodinase-Inhibitor	1
Deodorant	2
Dermal	1
Dermatitigenic	3
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	1
Diuretic	10
DME-Inhibitor	3
Emetic	2
Encephalopathic	1
Energizer	1
Enterocontractant	1

Activity	Chemical Count
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Estrogenic?	1
Expectorant	3
Fatal	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	14
Fungicide	14
Fungiphilic	1
Fungistat	2
Gastroprotective	1
Genotoxic	1
Glucosyl-Transferase-Inhibitor	1
GST-Inducer	1
Hallucinogenic	1
Hematopoietic	1
Hemolytic	1
Hemostat	2

Activity	Chemical Count
Hemostatic	1
Hepatomagenic	2
Hepatoprotective	9
Hepatotoxic	3
Herbicide	4
Histaminic	1
HIV-RT-Inhibitor	2
Hypercholesterolemic	2
Hypertensive	2
Hypertrichotic	1
Hypnotic	1
Hypocholesterolemic	12
Hypocholesterolemic?	1
Hypoglycemic	5
Hypolipidemic	1
Hypotensive	14
Hypothermic	1
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	8

Activity	Chemical Count
Immunostimulant	5
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insecticide	8
Insecticide-Synergist	1
Insectifuge	11
Insectiphile	2
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	9
JNK-Inhibitor	1
Juvabional	2
Keratolytic	1
Larvicide	1
Larvostat	2

Activity	Chemical Count
Laxative	6
Leptingenic	1
Lipolytic	4
Lipoxygenase-Inhibitor	4
Lithogenic	2
Litholytic	1
Lubricant	3
Lymphocytogenic	1
MAO-A-Inhibitor	2
MAO-B-Inhibitor	1
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Melaninogenic	1
Melatoninogenic	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Molluscicide	4

Activity	Chemical Count
Mucogenic	2
Mucolytic	1
Mutagenic	6
Myoprotective	1
Myorelaxant	5
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	4
NEP-Inhibitor	1
Nephrotoxic	2
Neuroprotective	3
Neurotoxic	1
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Oviposition-Stimulant	1

Activity	Chemical Count
Oxytotic	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	2
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Parasiticide	1
Percutaneostimulant	2
Perfumery	13
Peristaltic	1
Pesticide	30
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1
Photoactive	2
Photocarcinogenic	1
Photodermatitigenic	1
Photosensitizer	1
Phototoxic	5

Activity	Chemical Count
Phytoalexin	3
Piscicide	4
Plasmodicide	1
Proliferant	1
Prooxidant	2
Propepic	5
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1
Protisticide	2
Psychoactive	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Radioprotective	1
Renotoxic	1
Scabicide	1
Schizophrenigenic	1
Sedative	6
Serotonnergic	2
Soap	2
Spasmogenic	3

Activity	Chemical Count
Spermigenic	1
Stomachic	1
Sunscreen	2
Suppository	1
Tachycardic	1
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	4
Tranquilizer	2
Transdermal	2
Trichomonicide	2
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Uricosuric	2
Urinary-Acidulant	1

Activity	Chemical Count
Uterorelaxant	1
Uterotonic	1
Uterotrophic	1
Varroacide	1
Vasodilator	11
Vasopressor	1
VEGF-Inhibitor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	3