

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Opuntia ficus-indica***

<b>Activity</b>	<b>Chemical Count</b>
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-HETE-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Acaricide	1
ACE-Inhibitor	2
Acetylcholinergic	1
Acidifier	1
Acidulant	1
Additive	2
Adrenergic	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	1
Allergenic	6
Alpha-Amylase-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Alpha-Reductase-Inhibitor	1
Analgesic	6
Androgenic	1
Androgenic?	1
Anemiagenic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Antiacid	1
Antiacne	3
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
AntiAddisonian	1
Antiadenomic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	6
Antiaging	3
Antiakathisic	1

<b>Activity</b>	<b>Chemical Count</b>
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	6
Antialopecic	4
Antialzheimeran	5
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	2
Antianginal	3
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	4

<b>Activity</b>	<b>Chemical Count</b>
Antiarteriosclerotic	2
Antiarthritic	8
Antiasthmatic	3
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	7
Antibackache	1
Antibacterial	11
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Antibronchitic	1
Anticalculic	1
Anticancer	4
Anticancer (Breast)	2
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	1

<b>Activity</b>	<b>Chemical Count</b>
Anticarcinomic	2
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	11
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	2
Antichorea	1
Antichoreic	1
Anticlastogen	1
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	1
Anticonvulsant	5

<b>Activity</b>	<b>Chemical Count</b>
Anticoronary	5
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticytotoxic	1
Antidandruff	1
Antidecubitic	4
Antideliriant	1
Antidementia	7
Antidepressant	6
Antidepressant?	1
Antidermatic	1
Antidermatitic	3
Antidiabetic	11
Antidiabetic?	1
Antidiarrheic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1

<b>Activity</b>	<b>Chemical Count</b>
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	4
Antiedemic	5
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antiepileptic	1
Antierhythmic	1
Antiestrogenic	2

<b>Activity</b>	<b>Chemical Count</b>
Antifatigue	5
Antifeedant	5
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrositic	1
Antifibrotic	2
Antiflu	1
Antifuruncular	1
Antigallstone	2
Antigastritic	4
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	3
Antiglossitic	1
Antiglycosation	1
Antigonadotrophic	1
Antigranular	1
Antihangover	5
Antiheartburn	1



<b>Activity</b>	<b>Chemical Count</b>
Antihematuric	1
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	2
Antihepatotoxic	1
Antihepatotoxic	5
Antiherpetic	8
Antiherpetic?	1
Antihiccup	1
Antihistaminic	7
AntiHIV	2
Antihyperactivity	1
Antihyperammonemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1

<b>Activity</b>	<b>Chemical Count</b>
Antiimpotence	2
Antiinfective	1
Antiinfertility	4
Antiinflammatory	13
Antiinsomniac	4
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antiketotic	2
Antileishmanic	1
Antileptic	2
Antileukemic	4
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	1
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	5
Antilupus	2
AntiLyme	5

<b>Activity</b>	<b>Chemical Count</b>
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	4
Antimalarial	1
Antimanic	1
Antimastalgic	2
Antimastitic	1
AntiMD	1
Antimeasles	1
Antimelanomic	3
AntiMeniere's	2
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	3
Antimigraine	6
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	9
Antimyocarditic	1

<b>Activity</b>	<b>Chemical Count</b>
Antimyoclonic	1
Antinauseant	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	1
Antiobesity	5
Antiophidic	2
Antiophthalmic	3
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	6

<b>Activity</b>	<b>Chemical Count</b>
Antioxidant	23
Antioxidant Synergist	3
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	7
Antiparotitic	1
Antipellagic	3
Antiperiodontic	1
Antiperiodontitic	3
Antiperoxidant	2
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	3
Antiplatelet	1
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	2

<b>Activity</b>	<b>Chemical Count</b>
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	2
Antiprostataadenomic	1
Antiprostatic	5
Antiprotozoal	1
Antipruritic	1
Antipsoriac	1
Antipsychotic	1
Antipurpuric	2
Antipyretic	2
Antiradicular	6
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinopathic?	1
Antiretinotic	1

<b>Activity</b>	<b>Chemical Count</b>
Antirheumatic	6
Antirhinitic	1
Antirhinoviral	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	2
Antisenility	1
Antiseptic	6
Antiserotonin	1
Antishingles	1
Antisickling	3
Antispare-Tire	1
Antispasmodic	11
Antispasmophilic	1
Antistaphylococcic	2
Antisterility	1
Antistomatitic	1
Antistress	4
Antistroke	3

<b>Activity</b>	<b>Chemical Count</b>
Antisunburn	2
Antisyndrome-X	4
Antithalassemic	1
Antithrombogenic	2
Antithrombotic	1
Antithromboxane-B2	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitoxemic	1
Antitriglyceride	1
Antitrypanosomic	1
Antitubercular	2
Antitumor	11
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Colorectal)	1



<b>Activity</b>	<b>Chemical Count</b>
Antitumor (Gastric)	1
Antitumor (Kidney)	1
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	3
Antitumor (Skin)	1
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	3
Antitussive	2
Antiulcer	12
Antiulcerogenic	1
Antivaricose	2
Antivertigo	1
Antiviral	9
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Anxiolytic	5

<b>Activity</b>	<b>Chemical Count</b>
Aphidifuge	1
Aphrodisiac	1
Apoptotic	6
Aromatase-Inhibitor	2
Artemicide	2
Asthma-preventive	1
Astringent	1
Atherogenic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2
Bronchoconstrictor	1
Bronchostimulant	1
Bruchifuge	1
Bruchiphobe	2
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	27

<b>Activity</b>	<b>Chemical Count</b>
Candidicide	2
Capillariprotective	1
Carcinogenic	4
Cardioprotective	7
Cardiotonic	1
Cardiotoxic	1
Cardiovascular	3
Caspase-8-Inducer	1
Catabolic	1
Cerebroprotective	1
Chemopreventive	4
Choleretic	5
Circulatory-Stimulant	1
Circulotonic	2
CNS-Active	1
CNS-Depressant	3
CNS-Paralytic	1
Cold-preventive	1
Collagenic	2
Collyrium	1

<b>Activity</b>	<b>Chemical Count</b>
Colorant	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	2
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	1
Cytoprotective	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Demulcent	3
Deodorant	1
Dermatitigenic	1
Detoxicant	3
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic?	1

<b>Activity</b>	<b>Chemical Count</b>
Differentiator	1
Disinfectant	1
Diuretic	9
Dye	3
Emetic	2
Ergogenic	1
Essential	7
Estrogenic	4
Estrogenic?	1
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	7
Fungicide	2
Gastroprotective	1
Gastrostimulant	1
Glutathionergic	1
Glutathionigenic	1

<b>Activity</b>	<b>Chemical Count</b>
Gonadotrophic	1
Hallucinogen	1
Heme-Sparing	1
Hemolytic	1
Hemopoietic	1
Hemostat	5
Hemostatic	1
Hepatomagenic	1
Hepatoprotective	9
Hepatotonic	1
Hepatotoxic	1
Histaminic	1
HIV-RT-Inhibitor	1
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	4
Hyperglycemic	1
Hypertensive	2
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1

<b>Activity</b>	<b>Chemical Count</b>
Hypocholesterolemic	17
Hypoglycemic	7
Hypolipidemic	2
Hypotensive	11
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	1
Ileorelaxant	1
Immunomodulator	7
Immunostimulant	5
Immunosuppressant	1
Inflammatory	1
iNOS-Inhibitor	2
Inotropic	1
Insecticide	1
Insectifuge	4
Insectiphile	2
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	2

<b>Activity</b>	<b>Chemical Count</b>
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	2
Irritant	6
JNK-Inhibitor	1
Juvabional	1
Larvostat	1
Laxative	5
Laxative?	2
Leptingenic	1
Lipotropic	1
Lipoxygenase-Inhibitor	5
Lithogenic	2
Litholytic	2
Lubricant	3
MAO-A-Inhibitor	1
MAO-Inhibitor	3
MAPK-Inhibitor	1
Memory-Enhancer	1



<b>Activity</b>	<b>Chemical Count</b>
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	1
Mutagenic	3
Mycobactericide	2
Myoprotective	1
Myorelaxant	3
Myostimulant	1
Natriuretic	1
Nematicide	3
Neoplastic	1
NEP-Inhibitor	1
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	2
Neurotoxic	3
Neurotransmitter	1

<b>Activity</b>	<b>Chemical Count</b>
NF-kB-Inhibitor	2
NO-Genic	1
NO-Inhibitor	3
Odontolytic	1
Ophthalmic-Antialkali	1
Ornithine-Decarboxylase-Inhibitor	1
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	1
P21-Inducer	1
PAF-Inhibitor	2
Paralytic	1
Percutaneostimulant	1
Perfumery	3
Peristaltic	1
Pesticide	18
Phagocytotic	1
Phospholipase-A2-Inhibitor	1
Pigment	3

<b>Activity</b>	<b>Chemical Count</b>
Pituitary-Stimulant	1
Preservative	1
Prolactinogenic	1
Proliferant	1
Prooxidant	2
Propepic	4
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychoactive	1
Psychotomimetic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	2
Refrigerant	1
Renotoxic	1
Roborant	1
Schizophrenigenic	1
Secretagogue	1
Sedative	3

<b>Activity</b>	<b>Chemical Count</b>
Sequestrant	1
Serotoninerpic	2
Sialogogue	1
Soap	1
Spasmogenic	1
Spermicide	1
Spermigenic	2
Succinoxidase-Inhibitor	1
Sunscreen	1
Suppository	1
Sweetener	3
Sympathomimetic	2
Tachycardic	1
Teratogenic	1
Teratologic	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Tranquilizer	2
Tremorigenic	2
Trichomonicide	1
Triglycerigenic	1
Tumor-Promoter	1
Tyrosinase-Inhibitor	1
Ubiquiot	2
Ulcerogenic	2
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotrophic	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	13
Vasopressor	3
VEGF-Inhibitor	1

Activity	Chemical Count
Vulnerary	3
Xanthine-Oxidase-Inhibitor	1