

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Phoenix dactylifera

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	5
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
Absorbent	1
Acaricide	1
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidulant	1
Acnegenic	1
Addictive	1
Adjuvant	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	5
Allelochemic	4
Allergenic	6
Alpha-Reductase-Inhibitor	1
Analeptic	2
Analgesic	9
Androgenic	2
Androgenic?	1
Anemiagenic	1
Anesthetic	2
Angiogenic	1

Activity	Chemical Count
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	2
Antiacid	1
Antiacne	4
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2
AntiAddisonian	1
Antiadenomic	1
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	8
Antiaging	4
Antiakathisic	1
Antialcoholic	6
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	8
Antialopepic	4
Antialzheimeran	5
Antialzheimeran?	1
Antiambyopic	1
Antianaphylactic	2
Antiandrogenic	5
Antianemic	4

Activity	Chemical Count
Antianginal	2
Antiangiogenic	6
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiapoplectic	1
Antiarabiflavivotic	1
Antiarrhythmic	4
Antiarteriosclerotic	3
Antiarthritic	11
Antiasthmatic	4
Antiatherogenic	1
Antiatherosclerotic	7
Antibackache	1
Antibacterial	14
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Antibrucellosic	1
Anticancer	4
Anticancer (Bladder)	1
Anticancer (Breast)	3
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Fore stomach)	1
Anticancer (Kidney)	1
Anticancer (Liver)	2

Activity	Chemical Count
Anticancer (Lung)	2
Anticancer (Prostate)	2
Anticancer (Skin)	1
Anticancer	3
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	3
Anticarpal-Tunnel	1
Anticataract	9
Anticephalagic	5
Anticerebrotic	2
Anticervicaldysplastic	4
AntiCFS	2
Anticheilitic	3
Antichilblain	1
Anticholinesterase	1
Antichoreic	2
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	2

Activity	Chemical Count
Anticonvulsant	6
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Anticytotoxic	1
Antidandruff	2
Antidecubitic	4
Antideliriant	1
Antidementia	6
Antidepressant	10
Antidepressant?	1
Antidermatitic	5
Antidiabetic	14
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidiuretic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1

Activity	Chemical Count
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	2
Antieczemic	4
Antiedemic	7
Antielastase	1
Antiencephalitic	2
Antiencephalopathic	8
Antiencephalopathic?	1
Antiendometriotic	2
Antiendotoxic	1
Antienterotic	1
Antiepileptic	5
Antierythemic	1
Antiescherichic	1
Antiesherichic	1
Antiestrogenic	3
Antifatigue	6
Antifeedant	5
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1

Activity	Chemical Count
Antifibrotic	2
Antiflu	3
Antifuruncular	1
Antigallstone	1
Antigastric	2
Antigastrisecretogogic	1
Antigastritic	3
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	3
Antiglossitic	2
Antigoiter	1
Antigonadotrophic	1
Antigonadotropic	2
Antigranular	1
Antigrey	1
AntiGTF	1
Antihalitotic	1
Antihangover	5
Antiheartburn	1
Antihematuric	1
Antihemolytic	1
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	2
Antihepatotic	2

Activity	Chemical Count
Antihepatotoxic	8
Antiherpetic	8
Antiherpetic?	1
Antihiccup	1
Antihistaminic	7
AntiHIV	7
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperglycemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	13
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antielus?	1
Antiimpotence	3
Antiinfective	1
Antiinfertility	3
Antiinflammatory	15
Antiinsomniac	5
Antiinsomniac?	1
Antiinsomnic	2

Activity	Chemical Count
Antikeratitic	1
Antiketotic	3
AntiLegionella	1
Antileishmanic	1
Antileptic	2
Antilethargic	2
Antileukemic	3
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	2
Antileukotriene-D4	2
Antilipolytic	2
Antilipoperoxidant	2
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphedemic	1
Antilymphomic	2
Antimaculitic	4
Antimalarial	3
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	4
AntiMeniere's	1

Activity	Chemical Count
Antimenopausal	5
Antimenorrhagic	3
Antimetastatic	5
Antimigraine	5
Antimitotic	1
Antimitral-valve-prolapse	1
Antimononucleotic	1
Antimorphinic	1
AntiMS	2
Antimutagenic	12
Antimycoplasmotic	1
Antimyelotoxic	1
Antimyocarditic	2
Antinauseant	1
Antinephritic	3
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	5
Antinyctalopic	2

Activity	Chemical Count
Antiobesity	4
Antionychotic	1
Antiophidic	4
Antiophthalmic	2
Antiorchitic	1
Antiosteoarthritic	3
Antiosteoporotic	9
Antiotitic	2
Antiototic	1
Antioxalate	1
Antioxidant	31
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	6
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1
Antiperiodontitic	4
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	4
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasis	1

Activity	Chemical Count
Antiplateque	4
Antiplasmodial	1
Antiplatelet	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antiporphyric	1
Antipredatory	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	5
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	2
Antiprostatitic	7
Antiprotozoal	1
Antipruritic	1
Antipsittacotic	1
Antipsoriac	3
Antipsychotic	2
Antipurpuric	1
Antipyretic	4
Antiradicular	10
AntiRaynaud's	3
Antirenitic	2

Activity	Chemical Count
Antireserpine	1
Antiretardation	1
Antiretinitic Optometry	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirheumatitic?	1
Antirhinitic	2
Antisalmonella	1
Antiscoliotic	2
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	10
Antishingles	1
Antisickling	5
Antisilicotic	1
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	7
Antispasmophilic	1
AntiSpina-Bifida	1
Antistomatitic	1
Antistreptococcic	1
Antistress	7
Antistroke	2
Antisunburn	2

Activity	Chemical Count
Antisyndrome-X	4
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	3
Antithyrototoxic	1
Antitic	1
Antitinnitic	3
Antitoxoplasmotic	1
Antitriglyceride	1
Antitrypanosomic	2
Antitumor	14
Antitumor (Bladder)	2
Antitumor (Breast)	6
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Fore stomach)	1
Antitumor (Gastric)	1
Antitumor (GI)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	5
Antitumor (Ovary)	1
Antitumor (Prostate)	3
Antitumor (Skin)	3
Antitumor (Stomach)	1

Activity	Chemical Count
Antitumor-Promoter	4
Antiulcer	18
Antiuremic	1
Antiurethrotic	1
Antiuricosuric	1
Antivaginitic	2
Antivaricose	2
Antivertigo	1
Antiviral	14
Antiviral?	1
Antivitaligic	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	8
Aphrodisiac	2
Apoptotic	5
Aromatase-Inhibitor	1
Artemicide	2
Asthma-preventive	1
Astringent	1
Atherogenic	1
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2

Activity	Chemical Count
Bradycardiac	1
Bronchoconstrictor	1
Bruchiphobe	1
Calcium-Antagonist	2
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	28
Candidicide	6
Capillariprotective	2
Carcinogenic	6
Cardiodepressant	1
Cardioprotective	8
Cardiotonic	1
Cardiotoxic	3
Cardiovascular	3
Caspase-8-Inducer	1
Catabolic	3
Cataractagenic	1
Cathartic	1
Chelator	2
Chemopreventive	4
Cholagogue	1
Choleretic	4
Circulotonic	1
Clastogenic	1

Activity	Chemical Count
CNS-Active	1
CNS-Depressant	2
CNS-Inhibitor	2
CNS-Paralytic	1
CNS-Stimulant	1
Coagulant	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Collyrium	1
Colorant	5
Comedogenic	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	1
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	3
COX-1-Inhibitor	3
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	3
Deiodinase-Inhibitor	2
Demulcent	1

Activity	Chemical Count
Deodorant	2
Dermatitigenic	2
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1
Diaphoretic?	1
Differentiator	2
Diuretic	12
DME-Inhibitor	1
DNA-Protective	1
Dye	2
Emetic	2
Emollient	1
Encephalopathic	1
Ergogenic	1
Essential	8
Estrogenic	7
Estrogenic?	1
Euphoriant	1
Expectorant	1
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	3
FLavor	7
FPTase-Inhibitor	1

Activity	Chemical Count
Fungicide	10
Fungistat	1
Gastroprotective	2
Glucosyl-Transferase-Inhibitor	3
Glutathionergic	1
Glutathionigenic	1
Goitrogenic	1
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hemorrhagic	1
Hemostat	2
Hemostatic	1
Hepatomagenic	2
Hepatoprotective	10
Hepatotoxic	2
Herbistat	1
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	1
HIV-RT-Inhibitor	1
Humectant	1
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	4
Hyperglycemic	2
Hypertensive	2
Hyperthyroid	1
Hypnotic	2

Activity	Chemical Count
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	14
Hypoglycemic	9
Hypolipidemic	2
Hypotensive	13
Hypouricemic	1
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Immunomodulator	6
Immunostimulant	7
Immunosuppressant	4
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	5
Insectiphile	1
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	3
Interleukin-6-Inhibitor	1
Irritant	4
Juvabonal	4
Keratolytic	1
Larvicide	1

Activity	Chemical Count
Larvostat	4
Laxative	6
Leptogenic	1
Leucocyte-Depressant	1
Leukotriene-Inhibitor	1
Lipotropic	1
Lipoxygenase-Inhibitor	5
Lithogenic	2
Litholytic	1
Lubricant	3
Lymphocytogenic	1
Lymphokinetic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	3
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Memory-Enhancer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Mosquitocide	1
Mucogenic	2
Mucolytic	1
Musculotropic	1

Activity	Chemical Count
Mutagenic	3
Myoprotective	1
Myorelaxant	4
Myostimulant	1
NADH-Oxidase-Inhibitor	2
Narcotic	1
Nematicide	3
Neoplastic	2
NEP-Inhibitor	1
Nephrotoxic	1
Neuroexcitant	1
Neuroinhibitor	3
Neuroprotective	2
Neurotoxic	3
Neurotransmitter	4
NF-kB-Inhibitor	3
NO-Genic	2
NO-Inhibitor	1
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Ophthalmic-Antialkali	1
Ornithine-Decarboxylase-Inhibitor	5
Osteogenic	1
Ovicide	1
Oviposition-Stimulant	2
Ovulant	1
Oxidant	3

Activity	Chemical Count
Oxytocic	1
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Parasiticide	1
Percutaneostimulant	1
Perfumery	4
Pesticide	29
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Phytoalexin	2
Piscicide	1
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Preservative	1
Progestational	1
Prolactinogenic	1
Proliferant	1
Prooxidant	4
Propecic	4
Prostaglandigenic	1
Prostaglandin-Synthesis-Inhibitor	1

Activity	Chemical Count
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychotropic	2
PTK-Inhibitor	2
Purgative	1
Quinone-Reductase-Inducer	3
Radioprotective	2
Renotoxic	1
Respirapalytic	1
Respirodepressant	1
Retinoprotectant Optometry	1
Reverse-Transcriptase-Inhibitor	2
Roborant	1
Rodenticide	1
Scabicide	1
Schizophrenigenic	1
Secretagogue	1
Sedative	7
Serotonergic	2
Soap	2
Spermicide	1
Spermigenic	2
Succinic-Dehydrogenase-Inhibitor	1
Sunscreen	3
Suppository	1
Sweetener	7
Teratogenic	1

Activity	Chemical Count
Teratologic	1
Testosteronigenic	1
Thymoprotective	1
Thyrotropic	1
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	4
Transdermal	1
Tremorigenic	1
Trichomonicide	1
Triglycerigenic	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	1
Ubiquit	5
Ulcerogenic	2
Uricogenic	1
Uricosuric	5
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotrophic	1

Activity	Chemical Count
Varroacide	1
Vasoactive	1
Vasoconstrictor	1
Vasodilator	10
Vasopressor	1
VEGF-Inhibitor	2
Vulnerary	6
Xanthine-Oxidase-Inhibitor	5