

Dr. Duke's Phytochemical and Ethnobotanical Databases**Biological Activities found in *Ananas comosus***

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	6
Abortifacient	1
Absorbent	1
Acaricide	2
Acarifuge	1
ACE-Inhibitor	2
Acetylcholinergic	1
Acidulant	2
Acnegenic	1
Addictive	1
Adjuvant	1
Aggregant	1
Aldose-Reductase-Inhibitor	4
Allelochemic	1
Allelopathic	3
Allergenic	12
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analeptic	2
Analgesic	8
Androgenic	2
Androgenic?	1
Anemiagenic	2
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorectic	1

Activity	Chemical Count
Anorexic	1
Antiacetylcholinesterase	1
Antiacid	1
Antiacne	6
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
AntiAGE	1
Antiaggregant	8
Antiaging	3
Antiakathisic	1
Antialcoholic	6
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	6
Antialopepic	4
Antialzheimeran	5
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	4
Antianemic	4
Antianginal	4
Antiangiogenic	1

Activity	Chemical Count
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiappetant	1
Antiarabiflavinotic	1
Antiarrhythmic	4
Antiarteriosclerotic	3
Antiartihritic	13
Antiasthmatic	4
Antiatherogenic	1
Antiatheromic	1
Antiatherosclerotic	6
Antibackache	1
Antibacterial	17
Antiberiberi	1
AntiBPH	1
Antibronchitic	1
Anticalculic	1
Anticancer	5
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1

Activity	Chemical Count
Anticanker	3
Anticarcinogenic	2
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	7
Anticellulitic	1
Anticephalagic	5
Anticerebrotic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Anticholinesterase	1
Antichoreic	2
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	2
Anticonvulsant	7
Anticoronary	4
AntiCrohn's	2

Activity	Chemical Count
AntiCTS	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	9
Antidepressant?	1
Antidermatitic	2
Antidiabetic	10
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	2
Antidote (Manganese)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidrepanocytic	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	3
Antidyspeptic	2

Activity	Chemical Count
Antidysphagic	1
Antieccymotic	1
Antieczemic	5
Antiedemic	6
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antiendotoxic	1
Antienteritic	1
Antienterotic	1
Antiepileptic	5
Antiepisiotomic	1
Antiescherichic	2
Antiestrogenic	2
Antifatigue	6
Antifeedant	1
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrotic	2
Antiflu	1
Antifuruncular	1
Antigallstone	2
Antigastric	1
Antigastrisecretogogic	1

Activity	Chemical Count
Antigastritic	4
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antiglutamaergic	1
Antigoiter	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
Antigrey	1
Antihangover	5
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	7
Antiherpetic	6
Antiherpetic?	1
Antihiccup	1
Antihistaminic	5
AntiHIV	3
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1

Activity	Chemical Count
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	9
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiilus?	1
Antiimpotence	2
Antiinfarctal	1
Antiinfective	2
Antiinfertility	4
Antiinflammatory	15
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	2
Antiischemic	1
Antikeratitic	1
Antiketotic	2
Antilactobacillic	1
AntiLegionella	1
Antileishmanic	1
Antileptic	2
Antilethargic	2
Antileukemic	6
Antileukonychic	1

Activity	Chemical Count
Antileukoplakic	1
Antileukotriene	1
Antileukotriene-D4	4
Antilipoperoxidant	1
Antilisteria	1
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphomic	3
Antimaculitic	4
Antimange	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
AntiMeniere's	1
Antimenopausal	3
Antimenorrhagic	3
Antimetastatic	4
Antimigraine	4
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	10
Antimutilation	1

Activity	Chemical Count
Antimyocarditic	1
Antinauseant	1
Antineoplastic	1
Antinephritic	1
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	5
Antionychyotic	1
Antiophidic	3
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	3
Antiosteoporotic	9
Antiotitic	1
Antiototic	1
Antioxidant	19
Antioxidant Synergist	2

Activity	Chemical Count
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	7
Antiparotitic	1
Antipellagic	3
Antiperiodontitic	3
Antiperoxidant	2
Antiperoxynitrite	1
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1
Antiplaque	3
AntiPMS	4
Antipneumonic	2
Antipodriac	1
Antipolio	2
Antipoliomyelitic	2
Antipolyneuritic	1
Antiporphyric	1
Antipredatory	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatic	6

Activity	Chemical Count
Antiprostatotic	1
Antipruritic	1
Antipsoriac	1
Antipyretic	3
Antiradiation	1
Antiradicular	6
AntiRaynaud's	3
Antireserpine	1
Antiretardation	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatic	5
Antirheumatic?	1
Antirhinitic	1
Antirickettsial	1
Antisalmonella	1
Antisclerodermic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	3
Antiseptic	13
Antiserotonin	1
Antishingles	1
Antishock	1
Antisickling	5
Antisinusitic	1

Activity	Chemical Count
Antispare-Tire	1
Antispasmodic	10
Antispasmophilic	1
Antistaphylococcic	1
Antistomatitic	2
Antistress	6
Antistroke	3
Antisunburn	1
Antisyndrome-X	4
Antithiamin	1
Antithrombic	1
Antithrombophlebitic	1
Antithrombotic	1
Antithyroid	2
Antithyrototoxic	1
Antitic	1
Antitinnitic	3
Antitourette	1
Antitriglyceride	1
Antitubercular	3
Antitumor	10
Antitumor (Bladder)	1
Antitumor (Breast)	3
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1

Activity	Chemical Count
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	4
Antitumor (Prostate)	3
Antitumor (Skin)	3
Antitumor (Stomach)	2
Antitumor-Promoter	4
Antitussive	2
Antiulcer	11
Antiulcerogenic	1
Antiuremic	1
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	11
Antiviral?	1
Antivertilgic	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	8
Aphrodisiac	1
Apoptotic	2
Artemicide	2
Arteriodilator	1
Asthma-preventive	1

Activity	Chemical Count
Astringent	1
Atherogenic	1
Bacteristat	2
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bronchoconstrictor	1
Bronchorelaxant	1
Bruchiphobe	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Cancer-Preventive	27
Candidicide	4
Candidistat	1
Carcinogenic	2
Cardiac	1
Cardioprotective	8
Cardiotoxic	1
Cardiovascular	3
Carminative	2
Caspase-8-Inducer	1
Catabolic	1
Cerebrophilic	1
Chemopreventive	5
Chitinolytic	1
Chitosanalytic	1

Activity	Chemical Count
Cholagogue	2
Choleretic	6
Cicatrizant	1
Circulotonic	2
Clastogenic	1
CNS-Active	1
CNS-Depressant	4
CNS-Inhibitor	2
CNS-Paralytic	1
Co-carcinogenic	1
Coagulant	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Collyrium	1
Colorant	1
Comedogenic	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Culicide	1
Cytoprotective	1
Cytotoxic	3
Demulcent	2

Activity	Chemical Count
Deodorant	1
Dermatitigenic	3
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	1
Digestive	1
Disinfectant	1
Diuretic	10
DNA-Active	1
DNA-Protective	1
Emetic	3
Emollient	1
Ergogenic	1
Essential	7
Estrogenic	3
Euphoriant	1
Expectorant	2
Fatal	1
Febrifuge	1
Fibrinolytic	2
Fistula-Preventive	1
Flatugenic	1
FLavor	24
Fungicide	13
GABA-nergic	1
Gastroprotective	1

Activity	Chemical Count
Glutathionigenic	1
Goitrogenic	1
Gonadotrophic	1
Hemolytic	1
Hemopoietic	1
Hemostat	3
Hemostatic	1
Hepatocarcinogenic	1
Hepatoprotective	6
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	2
Hypertensive	2
Hyperthyroid	1
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	15
Hypoglycemic	6
Hypolipidemic	3
Hypotensive	12
Hypothermic	1
Hypouricemic	1

Activity	Chemical Count
Immunomodulator	6
Immunostimulant	7
Immunosuppressant	2
Insecticide	3
Insectifuge	7
Insectifuge?	1
Insulinogenic	2
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Irritant	8
Keratitigenic	1
Keratolytic	1
Lachrymatory	1
Larvicide	1
Laxative	6
Laxative?	2
Leptingenic	1
Leukotriene-Inhibitor	1
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	2
Lithogenic	1
Litholytic	2
Lubricant	3
Lyase-Inhibitor	1
Lymphocytogenic	1

Activity	Chemical Count
Memory-Enhancer	1
Metal-Chelator	2
Metastatic	1
Monoamine-Precursor	2
Mosquitofuge	2
Motor-Depressant	2
Mucogenic	2
Mucolytic	3
Mycobactericide	2
Myorelaxant	3
Myostimulant	1
Narcotic	2
Nematicide	7
Neoplastic	1
Neuroexcitant	1
Neuroinhibitor	3
Neuroprotective	1
Neurotoxic	3
Neurotransmitter	4
NF-kB-Inhibitor	1
NO-Genic	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Osteolytic	1
Ovulant	1
Oxidant	2

Activity	Chemical Count
Oxytotic	1
Parasiticide	1
Percutaneostimulant	2
Perfumery	14
Peristaltic	1
Pesticide	26
Phagocytotic	2
Pigment	1
Pituitary-Stimulant	1
Poultice	1
Preservative	2
Proliferant	1
Prooxidant	4
Propepic	5
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Proteolytic	1
Protisticide	2
Refrigerant	1
Renotoxic	1
Respirapalytic	1
Respirotoxic	1
Roborant	1
Scabicide	1
Schizophrenigenic	1
Secretagogue	1

Activity	Chemical Count
Sedative	7
Serotoninerbic	1
Sialogogue	1
Soap	2
Spasmogenic	1
Spermicide	2
Spermigenic	2
Stimulant	1
Succinic-Dehydrogenase-Inhibitor	1
Sunscreen	3
Suppository	1
Sweetener	2
Teratogenic	1
Termiticide	1
Termitifuge	1
Testosteronigenic	1
Thymoprotective	1
Thyrotropic	1
Toxic	1
Tranquilizer	4
Transdermal	1
Tremorigenic	1
Trichomonicide	2
Triglycerigenic	1
Trypsin-Enhancer	1
Tumor-Promoter	1
Tumorigenic	1

Activity	Chemical Count
Tyrosinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	4
Uricogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	1
Varroacide	1
Vasoactive	1
Vasoconstrictor	2
Vasodilator	8
Vermifuge	1
Verrucolytic	1
Vulnerary	6
Xanthine-Oxidase-Inhibitor	1