

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Annona muricata***

<b>Activity</b>	<b>Chemical Count</b>
5-Alpha-Reductase-Inhibitor	1
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidulant	1
Addictive	1
Aggregant	1
Aldose-Reductase-Inhibitor	3
Allelopathic	1
Allergenic	5
Alpha-Amylase-Inhibitor	1
Analeptic	1
Analgesic	6
Androgenic	2
Androgenic?	1
Anesthetic	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3

<b>Activity</b>	<b>Chemical Count</b>
Anhydrotic	1
Anorexic	1
Anthelmintic	1
Antiacne	3
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiadenoviral	1
AntiAGE	1
Antiaggregant	4
Antiaging	3
Antiakathisic	1
Antialcoholic	5
Antialkalotic	1
Antiallergic	5
Antialopepic	1
Antialzheimeran	4
Antiamblyopic	1
Antiandrogenic	1
Antianemic	4

<b>Activity</b>	<b>Chemical Count</b>
Antianginal	2
Antiangiogenic	1
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiaphthic	1
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarthritic	9
Antiasthenic	1
Antiasthmatic	4
Antiatherogenic	1
Antiatherosclerotic	6
Antibackache	1
Antibacterial	10
Antiberiberi	1
Antibiotic	1
AntiBPH	1
Anticalculic	1
Anticancer	3

<b>Activity</b>	<b>Chemical Count</b>
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	3
Anticarcinogenic	1
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	4
Anticerebrotic	1
Anticervicaldysplasic	4
AntiCFS	2
Anticheilitic	3
Antichilblain	1
Antichoreic	1
Anticlastogen	1
Anticlaudificant?	1
Anticlimacteric	3

<b>Activity</b>	<b>Chemical Count</b>
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticonvulsant	3
Anticoronary	3
AntiCrohn's	2
AntiCTS	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	7
Antidermatitic	2
Antidiabetic	8
Antidiarrheic	1
Antidiscotic	1
Antidopaminergic	1
Antidote	2
Antidote (Acetaminophen)	1

<b>Activity</b>	<b>Chemical Count</b>
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	3
Antiedemic	5
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antiescherichic	1

<b>Activity</b>	<b>Chemical Count</b>
Antiestrogenic	1
Antiexudative	1
Antifatigue	6
Antifeedant	1
Antifertility	2
Antifibromyalgic	2
Antifibrotic	2
Antiflu	1
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	2
Antigonadotrophic	1
Antigonadotropic	1
Antigrey	1
Antihangover	5
Antiheartburn	1

<b>Activity</b>	<b>Chemical Count</b>
Antihemolytic	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotic	2
Antihepatotoxic	7
Antiherpetic	4
Antiherpetic?	1
Antihiccup	1
Antihistaminic	3
AntiHIV	5
Antihyperactivity	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	9
Antihyperthyroid	1
Antihypoglycemic	1



Activity	Chemical Count
Antiichthyotic	1
Antiilus?	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	6
Antiinsomniac	5
Antiinsomniac?	1
Antiinsomnic	1
Antikeratitic	1
Antiketotic	2
AntiLegionella	1
Antileishmanic	1
Antileptic	2
Antilethargic	1
Antileukemic	3
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	1
Antilipolytic	1

<b>Activity</b>	<b>Chemical Count</b>
Antilipoperoxidant	1
Antilithic	2
Antilupus	1
AntiLyme	5
Antilymphomic	2
Antimaculitic	3
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	1
Antimigraine	5
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	6
Antimyelotoxic	1

<b>Activity</b>	<b>Chemical Count</b>
Antimyocarditic	1
Antinauseant	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	4
Antiophidic	4
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	3
Antiosteoporotic	8

<b>Activity</b>	<b>Chemical Count</b>
Antiosteoporotic?	1
Antiototic	1
Antioxidant	16
Antioxidant Synergist	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antiperiodontitic	4
Antiperoxidant	2
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1
Antiplate	3
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipoliomyelitic	2
Antiporphyrin	1

<b>Activity</b>	<b>Chemical Count</b>
Antiproctalgic	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	2
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatitic	2
Antipruritic	1
Antipsoriac	1
Antipsychotic	2
Antipyretic	2
Antiradicular	5
AntiRaynaud's	3
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirheumatitic?	1
Antirhinitic	1
Antiscoliotic	1

<b>Activity</b>	<b>Chemical Count</b>
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	3
Antiseptic	8
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	7
Antispasmophilic	1
AntiSpina-Bifida	1
Antistaphylococcic	1
Antistomatitic	2
Antistress	5
Antistroke	2
Antisunburn	1
Antisyndrome-X	4
Antithiamin	1
Antithyroid	1
Antitic	1
Antitinnitic	2

<b>Activity</b>	<b>Chemical Count</b>
Antitriglyceride	1
Antitubercular	2
Antitumor	7
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	1
Antitumor (Gastric)	1
Antitumor (Lung)	3
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	2
Antitussive	1
Antiulcer	5
Antiulcerogenic	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1

<b>Activity</b>	<b>Chemical Count</b>
Antiviral	6
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	6
Apoptotic	2
Artemicide	2
Asthma-preventive	1
Astringent	1
Atherogenic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bronchosedative	1
Bruchiphobe	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Cancer-Preventive	13
Candidicide	2
Capillariprotective	1



<b>Activity</b>	<b>Chemical Count</b>
Carcinogenic	3
Cardioprotective	6
Cardiotoxic	1
Cardiovascular	1
Caspase-8-Inducer	1
Chelator	1
Chemopreventive	3
Cholagogue	1
Choleretic	2
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	2
CNS-Inhibitor	1
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Collyrium	1

<b>Activity</b>	<b>Chemical Count</b>
Colorant	1
Comedogenic	1
Contraceptive	1
Convulsant	1
Copper-Antagonist	1
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	1
Cytoprotective	1
Cytotoxic	3
Demulcent	1
Deodorant	1
Depressant	1
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	1
Disinfectant	1
Diuretic	8
DNA-Active	1

<b>Activity</b>	<b>Chemical Count</b>
DNA-Protective	1
Emetic	1
Emollient	1
Encephalopathic	1
Ergogenic	1
Essential	3
Estrogenic	3
Expectorant	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	4
Fungicide	4
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	1
Gonadotrophic	1
Hematopoietic	1
Hemopoietic	1

<b>Activity</b>	<b>Chemical Count</b>
Hemostat	1
Hepatocarcinogenic	1
Hepatoprotective	5
Hepatotoxic	2
Hepatotropic	1
Histamine-Inhibitor	1
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	2
Hyperthermic	1
Hypnotic	2
Hypoarginanemic	1
Hypocalcemic	1
Hypocholesterolemic	10
Hypoglycemic	5
Hypolipidemic	2
Hypotensive	9
Hypothermic	1
Hypouricemic	1

<b>Activity</b>	<b>Chemical Count</b>
Immunomodulator	4
Immunostimulant	5
Immunosuppressant	2
Insecticide	1
Insectifuge	2
Insulinase-Inhibitor	1
Insulinogenic	2
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Irritant	1
Keratolytic	1
Laxative	6
Laxative?	2
Leptingenic	1
Leukotriene-Inhibitor	1
Lipotropic	1
Lipoxygenase-Inhibitor	3
Lithogenic	1
Litholytic	2

<b>Activity</b>	<b>Chemical Count</b>
Lubricant	2
Lyase-Inhibitor	1
MAO-Inhibitor	1
Memory-Enhancer	1
Metal-Chelator	1
Monoamine-Precursor	1
Mucogenic	2
Mucolytic	1
Mucotropic	1
Mycobactericide	2
Myorelaxant	1
Nematicide	1
Neoplastic	1
Neuroinhibitor	1
Neurolytic	1
Neuroprotective	1
Neurotoxic	1
Neurotransmitter	2
NF-kB-Inhibitor	1
Odontolytic	1

<b>Activity</b>	<b>Chemical Count</b>
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Ovulant	1
Parasiticide	1
Perfumery	3
Pesticide	15
Phagocytotic	1
Preservative	1
Prolactinogenic	1
Prooxidant	3
Propepic	1
Prostaglandigenic	2
Prostaglandin-Synthesis-Inhibitor	1
Psychotropic	1
Pyrogenic	1
Refrigerant	1
Respirapalytic	1
Respirastimulant	2
Rodenticide	1
Rubefacient	1

<b>Activity</b>	<b>Chemical Count</b>
Scabicide	1
Schizophrenigenic	1
Sclerosant	1
Sedative	5
Serotoninerpic	2
Sialogogue	1
Spermicide	1
Spermigenic	1
Sunscreen	1
Suppository	1
Surfactant	1
Sweetener	3
Teratogenic	1
Testosteronigenic	1
Thymoprotective	1
Tranquilizer	3
Tremorilytic	1
Trichomonicide	1
Triglycerigenic	1
Tumor-Promoter	1



<b>Activity</b>	<b>Chemical Count</b>
Tumorigenic	1
Tyrosinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	2
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Vasodilator	6
Vasomotor-Stimulant	1
Vulnerary	4
Xanthine-Oxidase-Inhibitor	4