

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Cyamopsis tetragonoloba*

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
ACE-Inhibitor	3
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	9
Allelochemic	2
Allelopathic	1
Allergenic	6
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	6
Androgenic?	1
Anemiagenic	1
Angiotensin-Receptor-Blocker	3
Antiacne	2
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	3
AntiAGE	1
Antiaggregant	5
Antiaging	4
Antiakathisic	1
Antiallergenic	1
Antiallergic	4

Activity	Chemical Count
Antialopecic	3
Antialzheimeran	2
Antianaphylactic	4
Antiandrogenic	3
Antianemic	1
Antiangiogenic	2
Antianxiety	1
Antiarrhythmic	3
Antiarteriosclerotic	1
Antiartihritic	5
Antiasthmatic	5
Antiatherogenic	1
Antiatherosclerotic	4
Antibacterial	10
Antibronchitic	1
Anticancer	4
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Esophagus)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Mouth)	1
Anticancer (Skin)	1
Anticanker	1
Anticarcinogenic	2
Anticarcinomic	2
Anticarcinomic (Breast)	1

Activity	Chemical Count
Anticariogenic	2
Anticataract	3
Anticervicaldysplasic	2
AntiCFS	1
Anticheilitic	1
Anticlastogen	2
Anticlimacteric	2
Anticold	1
Anticolitic	1
Anticomplementary	1
Anticoronary	2
AntiCrohn's	2
AntiCTS	1
Anticystitic	1
Antidecubitic	1
Antidementia	1
Antidepressant	5
Antidermatitic	1
Antidiabetic	4
Antidote (Aluminum)	2
Antidote (Cadmium)	1
Antidote (Lead)	2
Antidote (Paraquat)	1
AntiEBV	1
Antieczemic	2
Antiedemic	2
Antielastase	2

Activity	Chemical Count
Antiencephalitic	2
Antiendometriotic	1
Antiescherichic	3
Antiestrogenic	1
Antifatigue	2
Antifeedant	3
Antifertility	2
Antifibrinolytic	3
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	3
Antigallstone	1
Antigastric	1
Antigastritic	1
Antigenotoxic	1
Antigingivitic	3
Antiglaucomic	1
Antigonadotropic	3
Antigranular	1
AntiGTF	2
Antihangover	1
Antihemolytic	2
Antihemorrhagic	1
Antihepatic	1
Antihepatoadenomic	1
Antihepatotoxic	7
Antiherpetic	7

Activity	Chemical Count
Antihistaminic	6
AntiHIV	5
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	1
Antihypertensive	5
Antihyperthyroid	3
Antiichthyotic	1
Antiimplantation	1
Antiinfertility	1
Antiinflammatory	11
Antiinsomniac	1
Antiischemic	1
AntiLegionella	3
Antileishmanic	2
Antileptic	1
Antileukemic	6
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	2
Antilipoperoxidant	2
Antilithic	1
Antilupus	1
AntiLyme	1
Antilymphocytic	1
Antimaculitic	2

Activity	Chemical Count
Antimalarial	2
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	1
Antimenopausal	2
Antimenorrhagic	2
Antimetastatic	1
Antimigraine	1
AntiMRSA	1
AntiMS	1
Antimutagenic	9
Antimyocarditic	1
Antineuramidase	1
Antinitrosaminic	5
Antinitrosic	1
Antinociceptive	1
Antiobesity	3
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	3
Antioxidant	14
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	1

Activity	Chemical Count
Antiparotitic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	7
Antipharyngitic	1
Antiphotophobic	1
Antipityriasic	1
Antiplateque	3
Antiplasmodial	2
AntiPMS	3
Antipneumonic	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	1
Antiporphyric	1
Antiproliferant	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatitic	2
Antiproteolytic	1
Antipsoriac	2
Antipyretic	1
Antiradicular	9
AntiRaynaud's	1

Activity	Chemical Count
Antiretinotic	1
Antirheumatic	4
Antirhinitic	1
Antiscorbutic	1
Antiseptic	8
Antiserotonin	1
Antishingles	1
Antispasmodic	7
Antistaphylococcic	3
Antistomatitic	1
Antistreptococcic	2
Antistress	3
Antistroke	1
Antisunburn	2
Antisyndrome-X	1
Antithiamin	2
Antithrombic	1
Antithyroid	3
Antitic	1
Antitrypanosomic	1
Antitumor	9
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Fore stomach)	1
Antitumor (Gastric)	1

Activity	Chemical Count
Antitumor (Liver)	1
Antitumor (Lung)	3
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Prostate)	1
Antitumor (Skin)	4
Antitumor (Stomach)	1
Antitumor-Promoter	5
Antitussive	1
Antiulcer	6
Antiulcerogenic	1
Antivaccinia	1
Antiviral	9
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	4
Apoptotic	6
Aromatase-Inhibitor	1
Asthma-preventive	1
Astringent	2
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1

Activity	Chemical Count
Bronchodilator	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	13
Candida-SAP-Inhibitor	1
Candidicide	2
Capillariprotective	1
Carcinogenic	6
Cardioprotective	5
Cardiotoxic	1
Catabolic	1
Chemopreventive	5
Cholagogue	2
Choleretic	6
Clastogenic	2
CNS-Active	2
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	1
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	2

Activity	Chemical Count
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	6
Deiodinase-Inhibitor	2
Dermatitogenic	1
Detoxicant	2
Diaphoretic?	3
Differentiator	1
Diuretic	7
DNA-Active	1
DNA-Protective	1
Estrogenic	2
Expectorant	1
Fistula-Preventive	1
FLavor	3
Floral-Inhibitor	1
Fungicide	7
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Gram(+)icide	1
Gram(-)icide	1
Hemolytic	1

Activity	Chemical Count
Hemostat	2
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	7
Hepatotoxic	1
Hepatotropic	1
Histamine-Inhibitor	2
HIV-RT-Inhibitor	3
Hypercholesterolemic	2
Hypocholesterolemic	6
Hypoglycemic	3
Hypotensive	6
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	3
Immunostimulant	8
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insectifuge	4
Insulin-Sparing	1
Insulinogenic	1
Interferon-Synergist	1
Interferonogenic	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1

Activity	Chemical Count
JNK-Inhibitor	1
Juvabional	3
Larvostat	2
Laxative	2
Leukotriene-Inhibitor	2
Lipoxygenase-Inhibitor	5
Lithogenic	1
Lubricant	3
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mucogenic	1
Mucolytic	1
Mutagenic	2
Myorelaxant	1
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	3
NEP-Inhibitor	1
Nephrotoxic	2
Neuroprotective	2

Activity	Chemical Count
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Percutaneostimulant	1
Perfumery	2
Pesticide	12
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Plasmodicide	1
Proliferant	1
Prooxidant	3
Propepic	4
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1
Protisticide	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3
Secretagogue	1

Activity	Chemical Count
Sedative	1
Soap	1
Styptic	1
Sunscreen	3
Suppository	1
Sweetener	1
Teratologic	2
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	2
Tranquilizer	1
Tumorigenic	2
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	1
Ubiquit	2
Uricosuric	1
Urinary-Acidulant	1
Uterotrophic	1
Vasodilator	6
VEGF-Inhibitor	1
Vulnerary	3
Xanthine-Oxidase-Inhibitor	4