

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in Actinidia chinensis**

<b>Activity</b>	<b>Chemical Count</b>
Cancer-Preventive	13
Pesticide	11
Antioxidant	11
Hypocholesterolemic	9
Antidiabetic	8
Vasodilator	8
Antiatherosclerotic	7
Antispasmodic	7
Antimutagenic	7
Antihypertensive	7
Hypoglycemic	7
Cardioprotective	7
Anticataract	6
Antitumor	6
Antitumor (Breast)	6
Hepatoprotective	6
Antibacterial	6
Antiarthritic	6
Antiradicular	6
Antidepressant	6
Antiulcer	6
Hypotensive	6
Ubiquit	5
Antihepatotoxic	5
Antialzheimeran	5
Diuretic	5
AntiPMS	5

Activity	Chemical Count
Colorant	5
Antiaging	5
Prooxidant	5
AntiLyme	5
Antiobesity	5
Allergenic	5
Antifatigue	5
Antiinflammatory	5
Antitumor (Colon)	4
Antidementia	4
Antimaculitic	4
Fungicide	4
Analgesic	4
Antisyndrome-X	4
Immunomodulator	4
Anticervicaldysplasic	4
Apoptotic	4
Antiaggregant	4
Antistress	4
Antiviral	4
Antirheumatic	4
Antiallergic	4
Antimigraine	4
Anxiolytic	4
Anticancer (Breast)	4
Antiproliferant	4
Antilithic	4

Activity	Chemical Count
Antileukemic	4
Antiherpetic	4
Immunostimulant	4
Antitumor (Lung)	4
Antiosteoporotic	4
Antidecubitic	4
Lipoxygenase-Inhibitor	4
Antiasthmatic	4
Quinone-Reductase-Inducer	3
AntiRaynaud's	3
Aldose-Reductase-Inhibitor	3
Calcium-Antagonist	3
Antiarrhythmic	3
Antianginal	3
Antiperiodontitic	3
Antidote (Lead)	3
Antidermatitic	3
Laxative	3
Antineuropathic	3
Anticonvulsant	3
Insulinogenic	3
Antihistaminic	3
Antiplaque	3
Xanthine-Oxidase-Inhibitor	3
Antiedemic	3
Anticheilitic	3
Chemopreventive	3

Activity	Chemical Count
Angiotensin-Receptor-Blocker	3
Antifeedant	3
Antinitrosaminic	3
Anticoronary	3
Metal-Chelator (Copper)	3
Allelochemic	3
NO-Inhibitor	3
Antihangover	3
AntiCFS	3
Antimenopausal	3
Anticariogenic	3
Antiparkinsonian	3
Antigastritic	3
Antistroke	3
Ornithine-Decarboxylase-Inhibitor	3
Anticlimacteric	3
Antitumor (Prostate)	3
Antidysmenorrheic	2
Antialcoholic	2
Antimetastatic	2
Antipellagic	2
Antidote (Aluminum)	2
Choleretic	2
Antigingivitic	2
Prostaglandin-Synthesis-Inhibitor	2
Hemostat	2
Antiprostatic	2

Activity	Chemical Count
Pigment	2
Anticancer	2
Antilipoperoxidant	2
Candidicide	2
Antifertility	2
Estrogenic	2
AntiCrohn's	2
Diaphoretic?	2
Anticolitic	2
Antitumor (Stomach)	2
Antiphotohobic	2
Uricosuric	2
Circulotonic	2
Antiglossitic	2
Antiacne	2
Antimastalgic	2
Antiosteoarthritic	2
Glucosyl-Transferase-Inhibitor	2
Antilupus	2
Carcinogenic	2
Antiestrogenic	2
Antihyperkinetic	2
Antianorectic	2
Hypolipidemic	2
Antiinfertility	2
Antidiarrheic	2
Anticanker	2

Activity	Chemical Count
Antiophidic	2
Antiepileptic	2
Antiencephalitic	2
Antiseptic	2
Antianemic	2
Antimyocarditic	2
Cyclooxygenase-Inhibitor	2
Antiinsomniac	2
Anticephalagic	2
AntiAGE	2
Antimelanomic	2
Antiglaucomic	2
Protein-Kinase-C-Inhibitor	2
Tranquilizer	2
Antipsoriac	2
Antigallstone	2
Antineuritic	2
Antipodriac	2
Antiendometriotic	2
Cytotoxic	2
Antitumor-Promoter	2
Beta-Blocker	2
AntiMS	2
Tyrosinase-Inhibitor	2
Antipyretic	2
Antileukotriene	2
Antipoliomyelitic	2

Activity	Chemical Count
Antianxiety	2
Antineuralgic	2
AntiHIV	2
Neuroprotective	2
COX-2-Inhibitor	2
Antiperoxidant	2
Antiretinotic	1
Mucolytic	1
Collagenic	1
Antigonadotrophic	1
Hyperglycemic	1
Antixerophthalmic	1
Memory-Enhancer	1
Antiaflatoxin	1
Antimeasles	1
Anticarcinomic	1
Antiozenic	1
Topoisomerase-II-Inhibitor	1
Litholytic	1
Anorexic	1
Caspase-8-Inducer	1
Antiflu	1
Antithromboxane-B2	1
Antiophthalmic	1
Juvabional	1
Antinitrosic	1
Antiprogestational	1

Activity	Chemical Count
Antileptic	1
Antiepileptic	1
Antisterility	1
P21-Inducer	1
Antineurasthenic	1
Antihyperactivity	1
Antipneumonic	1
Insectifuge	1
Antiencephalopathic	1
Antishingles	1
NF-kB-Inhibitor	1
Antimyoclonic	1
Cytochrome-P450-1A2-Inhibitor	1
Thymoprotective	1
Antichorea	1
5-Lipoxygenase-Inhibitor	1
Antiinsomnic	1
Beta-Adrenergic Receptor Blocker	1
Vitamin-A-Activity	1
Antidysphagic	1
Antirhinitic	1
Myorelaxant	1
Antimitral-valve-prolapse	1
COMT-Inhibitor	1
AntiGTF	1
Antitumor (Gastric)	1
Sedative	1



Activity	Chemical Count
Antihypoglycemic	1
Antireinitic Optometry	1
Metalloproteinase-Inhibitor	1
AntiMeniere's	1
Proteolytic	1
Anticardiospasmic	1
Antipapillomic	1
Antivaricose	1
Tumorigenic	1
Antipsychotic	1
MAO-Inhibitor	1
Cerebroprotective	1
Antigastric	1
Antitoxemic	1
Proliferant	1
Anticancer (Cervix)	1
Antiprostaglandin	1
Androgenic?	1
Antifibrosarcomic	1
Antithiamin	1
Phagocytotic	1
Antinyctalopic	1
Feline-attractant	1
Anticystitic	1
Allelopathic	1
Antileukoplakic	1
Calmodulin-Antagonist	1

Activity	Chemical Count
P450-Inhibitor	1
Antipolio	1
Antienteritic	1
NO-Synthase-Inhibitor	1
Antinephrolytic	1
Deiodinase-Inhibitor	1
Antitussive	1
Anticlastogen	1
Immunosuppressant	1
Acidulant	1
Antikeratitic	1
Beta-Glucuronidase-Inhibitor	1
Antiscotomic	1
NEP-Inhibitor	1
Antianaphylactic	1
COX-1-Inhibitor	1
Antiheartburn	1
Antitumor (Ovary)	1
Spermicide	1
Antipermeability	1
Asthma-preventive	1
Uterorelaxant	1
Antidysenteric	1
Antiretinopathic?	1
Mucogenic	1
Antiakathic	1
Antimenorrhagic	1

Activity	Chemical Count
Cold-preventive	1
Antiglycosuric	1
Antitumor (CNS)	1
PTK-Inhibitor	1
Anticarpal-Tunnel	1
Antiparotitic	1
HIV-RT-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Memorigenic	1
Antiadenomic	1
AntiMD	1
Antigastric	1
Antitrypanosomic	1
Prostaglandigenic	1
Hematopoietic	1
Topoisomerase-I-Inhibitor	1
Antideliriant	1
Antiprostataadenomic	1
Lithogenic	1
Antilymphomic	1
Cardiotoxic	1
Antifibrotic	1
Antithrombotic	1
Phospholipase-Inhibitor	1
Antibronchitic	1
Fistula-Preventive	1
Amphiglycemic?	1

Activity	Chemical Count
Antilipolytic	1
Antisunburn	1
Peristaltic	1
Antiatheromic	1
Energizer	1
Antiporphyrin	1
Interferonogenic	1
Antileishmanic	1
Bruchiphobe	1
AntiSpina-Bifida	1
Osteogenic	1
Antiarabiflavinotic	1
Antineuramidase	1
Detoxicant	1
Antihydrophobic	1
Antiulcerogenic	1
Anticold	1
Inotropic	1
Aldehyde-Oxidase-Inhibitor	1
Neurotransmitter	1
Antihepatic	1
Antitumor (Skin)	1
Teratologic	1
Anticholinesterase	1
Antipharyngitic	1
Hypouricemic	1
5-HETE-Inhibitor	1

Activity	Chemical Count
Bacteristat	1
VEGF-Inhibitor	1
Antidyspeptic	1
Mutagenic	1
Antigonadotropic	1
Antitumor (Colorectal)	1
Retinoprotectant Optometry	1
Antiperiodontal	1
Hypertensive	1
Ulcerogenic	1
Antidote (Cadmium)	1
Antirenitic	1
Circulatory-Stimulant	1
Antitumor (Bladder)	1
Anticarcinomic (Breast)	1
Antipancreatic	1
Hepatomagenic	1
MAO-A-Inhibitor	1
Anthelmintic	1
Antimalarial	1
Catabolic	1
Antitic	1
Plasmodicide	1
Antiorchitic	1
Gastroprotective	1
Larvostat	1
Androgenic	1

Activity	Chemical Count
Capillariprotective	1
Antifibromyalgic	1
Antithalassemic	1
PGE2-Inhibitor	1
Antibackache	1
Antinociceptive	1
Febrifuge	1
AntiCTS	1
Calcium-Channel-Blocker	1
Antiescherichic	1
Antistreptococcic	1
P450-Inducer	1
Antiartherosclerotic	1
Differentiator	1
Antihyperkeratotic	1
Anticomplementary	1
Insulin-Sparing	1
Antisickling	1
Antiangiogenic	1
Antinephritic	1
Antichoreic	1
Antipityriasic	1
Acetylcholinergic	1
Antiischemic	1
Vulnerable	1
Antieczemic	1
Antiscorbutic	1

Activity	Chemical Count
NADH-Oxidase-Inhibitor	1
Antiamblyopic	1
Copper-Chelator	1
Serotonergic	1
Antiperistaltic	1
Antiichthyotic	1
Artemicide	1
Urinary-Acidulant	1
Antidote (Paraquat)	1
Antiretinopathic	1
MMP-9-Inhibitor	1
CNS-Depressant	1
Antiglycosation	1
Antitumor (Cervix)	1
Psychotropic	1
Hepatotoxic	1
Antivertigo	1
Mast-Cell-Stabilizer	1
Antiacrodynic	1
Antimastitic	1
Chelator	1
Antitriglyceride	1
Anticancer (Lung)	1
Gonadotrophic	1
TNF-alpha-Inhibitor	1
Antiprostanoid	1
Angiogenic	1

Activity	Chemical Count
Antifibrositic	1
Antithrombic	1
Phospholipase-A2-Inhibitor	1
Antiberiberi	1
Fibrinolytic	1
cAMP-Phosphodiesterase-Inhibitor	1
Perfumery	1
Antineurotic	1
Dye	1
Antihyperlipoproteinaemic	1
Anticorneotic	1
Interferon-Synergist	1
Bradycardiac	1
Antienterotic	1
Antispasmophilic	1
Demulcent	1
Antiplasmodial	1
iNOS-Inhibitor	1
Additive	1
Antiketotic	1
Antielastase	1
Antisenility	1
Antiandrogenic	1
Antimyelotoxic	1
Antihemorrhagic	1
Sweetener	1
Antichilblain	1



Activity	Chemical Count
11B-HSD-Inhibitor	1
ATPase-Inhibitor	1