

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Stevia rebaudiana***

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
5-HT-Inhibitor	1
Acaricide	8
ACE-Inhibitor	5
Acetylcholinergic	1
AChE-Inhibitor	1
Acidifier	1
Acidulant	2
Additive	2
Aggregant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	10
Allelochemic	5
Allelopathic	4
Allergenic	18
Alpha-Amylase-Inhibitor	1
Amphiglycemic?	1

Activity	Chemical Count
Analgesic	11
Androgenic	1
Androgenic?	1
Anesthetic	8
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anthelmintic	4
Antiacetylcholine	1
Antiacetylcholinesterase	6
Antiacne	11
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	2
AntiAGE	2
Antiaggregant	5
Antiaging	3
Antiakathisic	1
Antialcoholic	4
Antiallergic	7

Activity	Chemical Count
Antiallopecic	1
Antialzheimeran	4
Antialzheimeran?	2
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	1
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	4
Antiarteriosclerotic	1
Antiarthritic	7
Antiasthmatic	6

Activity	Chemical Count
Antiatherogenic	1
Antiatherosclerotic	9
Antibacillary	1
Antibackache	1
Antibacterial	28
Antiberiberi	1
AntiBPH	1
Antibronchitic	3
Anticalculic	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Lung)	1
Anticancer (Pancreas)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinomic	2
Anticardiospasmic	1
Anticariogenic	10
Anticarpal-Tunnel	1

Activity	Chemical Count
Anticataract	8
Anticatarrh	2
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholinesterase	2
Anticholinesterase?	1
Anticirrhotic	1
Anticlastogen	1
Anticlimacteric	4
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	1
Anticolitic	2
Anticomplementary	2
Anticonvulsant	8
Anticorneotic	1

Activity	Chemical Count
Anticoronary	4
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	5
Antidermatitic	3
Antidiabetic	8
Antidiarrheic	1
Antidiscotic	1
Antidiuretic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidote (Strychnine)	1

Activity	Chemical Count
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	2
Antiedemic	10
Antiemetic	1
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	1
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	7

Activity	Chemical Count
Antifeedant	18
Antifertility	1
Antifibromyalgic	2
Antifibrositic	1
Antifibrotic	3
Antiflu	5
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigenotoxic	2
Antigingivitic	1
Antiglaucomic	3
Antigliomic	1
Antiglossitic	1
Antiglucogetic	1
Antiglutamaergic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigout	1

Activity	Chemical Count
Antihalitotic	2
Antihangover	4
Antiheartburn	1
Antihelicobacter	1
Antihematuric	1
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	1
Antihepatotic	1
Antihepatotoxic	5
Antiherpetic	5
Antiherpetic?	1
Antihiccup	1
Antihistaminic	4
AntiHIV	2
Antihyperactivity	1
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1

Activity	Chemical Count
Antihypertensive	6
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	21
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeratotic	1
Antikeshan	1
Antiketotic	1
Antilaryngitic	2
Antileishmanic	2
Antileptic	2
Antileukemic	4
Antileukonychic	1
Antileukoplakic	1

Activity	Chemical Count
Antileukorrheic	1
Antileukotriene	1
Antilipoperoxidant	1
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphomic	4
Antimaculitic	4
Antimalarial	5
Antimange	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	5
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	3
Antimetastatic (Stomach)	1
Antimigraine	4

Activity	Chemical Count
Antimite	2
Antimitotic	1
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	11
Antimyalgic	1
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	2
Antinitrosaminic	2
Antinitrosating	1
Antinitrosic	1
Antinociceptive	6

Activity	Chemical Count
Antinyctalopic	1
Antiobesity	6
Antiodontalgic	1
Antionychyotic	2
Antiophidic	2
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiosteosclerotic	1
Antiotitic	1
Antiototic	1
Antioxalate	1
Antioxidant	20
Antioxidant (LDL)	1
Antioxidant Synergist	4
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1

Activity	Chemical Count
Antipellagic	2
Antiperiodontitic	3
Antiperoxidant	2
Antipharyngitic	2
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	5
Antiplasmodial	3
Antiplatelet	1
AntiPMS	4
Antipneumonic	2
Antipodriac	1
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	6
Antiprostaglandin	4
Antiprostataadenomic	1
Antiprostatic	2

Activity	Chemical Count
Antiprotozoal	1
Antipruritic	2
Antipsoriac	1
Antipurpuric	2
Antipyretic	4
Antiradicular	8
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	8
Antirhinitic	3
Antisalmonella	4
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	2
Antiseptic	20
Antishingles	1
Antishock	1
Antisilicotic	1

Activity	Chemical Count
Antisinusitic	2
Antispare-Tire	1
Antispasmodic	21
Antispasmophilic	1
Antistaphylococcic	8
Antistomatitic	1
Antistreptococcic	4
Antistress	4
Antistroke	2
Antisunburn	1
Antisyncopic	1
Antisyndrome-X	6
Antithrombogenic	2
Antithromboxane	1
Antithyroid	1
Antitic	1
Antitinnitic	1
AntiTNF	2
Antitriglyceride	2
Antitrypanosomic	1

Activity	Chemical Count
Antitubercular	3
Antitubulin	1
Antitumor	18
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Gastric)	1
Antitumor (Lung)	4
Antitumor (Pancreas)	2
Antitumor (Prostate)	3
Antitumor (Stomach)	2
Antitumor-Promoter	1
Antitussive	3
Antiulcer	11
Antiulcerogenic	1
Antiurethrotic	1
Antivaginitic	2
Antivaricose	2

Activity	Chemical Count
Antivertigo	1
Antiviral	11
Antiviral?	1
Antixerophthalmic	1
Antixerotic	1
Antiyeast	2
Anxiolytic	5
AP-1-Inhibitor	1
Apifuge	1
Apoptotic	6
Artemicide	2
Ascaricide	1
Asthma-preventive	1
Astringent	2
Atherogenic	1
ATPase-Inhibitor	2
Bacteristat	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2

Activity	Chemical Count
Beta-Glucuronidase-Inhibitor	1
Bronchoprotectant	1
Bronchorelaxant	1
Bruchiphobe	2
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	21
Candidicide	12
Candidistat	2
Capillariprotective	1
Carcinogenic	3
Carcinogenic?	1
Cardiomyopathogenic	1
Cardioprotective	8
Cardiotonic	1
Cardiotoxic	1
Carminative	5
Caspase-8-Inducer	1
Catabolic	1

Activity	Chemical Count
Chemopreventive	4
Choleretic	5
Cholesterolytic	1
Cicatrizant	1
Circulotonic	1
CNS-Depressant	4
CNS-Stimulant	5
CNS-Toxic	1
Cold-preventive	1
Coleoptophile	1
Collagenic	2
Collyrium	1
Colorant	1
Convulsant	3
Copper-Antagonist	1
Corrosive	1
Cosmetic	1
Counterirritant	4
COX-1-Inhibitor	2
COX-2-Inhibitor	2

Activity	Chemical Count
Culicide	1
Cyclooxygenase-Activator	1
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-Inducer	4
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	3
Decongestant	3
Degranulant	2
Deliriant	1
Demulcent	1
Dentifrice	2
Deodorant	2
Depressant	1
Dermatitigenic	2
Detoxicant	3
Detoxicant (Alcohol)	1
Digestive	1
Disinfectant	1
Diuretic	7

Activity	Chemical Count
Dye	2
Ecbolic	1
Edemagenic	2
Embryotoxic	1
Emetic	2
Encephalopathic	1
Energizer	1
Enterocontractant	1
Enterorelaxant	2
Epileptigenic	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Estrogenic?	1
Expectorant	9
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	24

Activity	Chemical Count
FPTase-Inhibitor	1
Fungicide	19
Fungiphilic	1
Fungistat	3
Fungitoxic	1
GABA-nergic	1
Gastroprotective	4
Gastrostimulant	1
Gluconeogenesis-Inhibitor	1
Gonadotrophic	1
Gram(+)-icide	2
Gram(-)-icide	2
GST-Inducer	1
Hemopoietic	1
Hemostat	3
Hepatomagenic	1
Hepatoprotective	5
Hepatotonic	3
Hepatotoxic	2
Herbicide	11

Activity	Chemical Count
Histaminic	1
Hypercholesterolemic	1
Hyperglycemic	1
Hypertensive	1
Hypnotic	1
Hypocholesterolemic	11
Hypoglycemic	8
Hypolipidemic	2
Hypotensive	12
Hypothermic	2
Hypouricemic	1
Immunomodulator	7
Immunostimulant	6
Immunosuppressant	1
Inflammatory	2
Inhalant	1
Insect-Repellent	2
Insecticide	8
Insectifuge	18
Insectiphile	5

Activity	Chemical Count
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	2
Irritant	20
Juvabional	2
Keratolytic	1
Lactagogue	1
Larvicide	4
Larvostat	1
Laxative	4
Laxative?	2
Leptingenic	1
Leucocytogenic	1
Lipolytic	1
Lipoxygenase-Inhibitor	1
Lithogenic	1
Litholytic	2
MAO-A-Inhibitor	1
MAO-Inhibitor	1

Activity	Chemical Count
Memorigenic	1
Memory-Enhancer	1
Mollusciphile	1
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	3
Mucogenic	2
Mucolytic	1
Mutagenic	3
Mycobactericide	3
Myoprotective	1
Myorelaxant	8
Narcotic	1
Nematicide	13
Nephroprotective	1
Neuroprotective	1
Neurotoxic	3
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1

Activity	Chemical Count
Occuloirritant	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	3
P450-Inducer	5
PAF-Inhibitor	1
Paralytic	1
Pediculicide	2
Perfume	2
Perfumery	20
Peristaltic	1
Pesticide	47
Phagocytotic	1
Pheromone	1
Photosensitizer	1
Phytohormone	1

Activity	Chemical Count
Pisciphile	1
Polyamine-Synthesis-Inhibitor	1
Preservative	2
Prooxidant	3
Prostaglandin-Inhibitor	1
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Radioprotective	1
Refrigerant	1
Respirainhibitor	1
Respirastimulant	1
Rubefacient	3
Secretagogue	3
Secretolytic	1
Sedative	16
Sequestrant	1
Serotoninergetic	1
Sialogogue	1

Activity	Chemical Count
Spasmogenic	4
Spermicide	1
Spermigenic	1
Stimulant	1
Sunscreen	1
Surfactant	2
Sweetener	10
Sympathomimetic	1
Taenicide	1
Termiticide	3
Termitifuge	2
Testosterone-Hydroxylase-Inducer	2
Testosterone-Inducer	1
Testosteronigenic	1
Thymoprotective	1
TOPO-2-Inhibitor	1
Topoisomerase-II-Inhibitor	1
Toxic	1
Tracheorelaxant	1
Tranquilizer	4

Activity	Chemical Count
Transdermal	7
Trichomonicide	9
Trichomonistat	1
Triglycerigenic	1
Trypsin-Enhancer	1
Tumor-Promoter	1
Tyrosinase-Inhibitor	1
Ubiquiot	2
Ulcerogenic	3
Uricogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Varroacide	1
Vasodilator	8
Vasopressor	2
VEGF-Inhibitor	1
Vermifuge	2
Verrucolytic	1
Vibriocide	1

Activity	Chemical Count
Vulnerary	4