

Dr. Duke's Phytochemical and Ethnobotanical Databases**Biological Activities found in *Verbena officinalis***

Activity	Chemical Count
Antioxidant	7
Antiinflammatory	6
Cancer-Preventive	6
Pesticide	6
Antitumor	6
Anticancer	5
Antibacterial	5
Antiviral	5
Analgesic	4
Antimutagenic	4
Antiulcer	4
Cytotoxic	4
Antiedemic	4
Hepatoprotective	4
Antispasmodic	3
Ornithine-Decarboxylase-Inhibitor	3
Chemopreventive	3
Antiradicular	3
AntiHIV	3
Hypotensive	3
Allergenic	3
Antileukemic	3
Carcinogenic	3
Lipoxygenase-Inhibitor	3
Antitumor (Colon)	3
Antiperoxidant	3
Antihepatotoxic	3

Activity	Chemical Count
Antistaphylococcic	3
Antitumor-Promoter	3
Sedative	3
Diuretic	3
Antihistaminic	3
COX-2-Inhibitor	3
Anticarcinomic	2
Immunomodulator	2
Antiaggregant	2
AntiEBV	2
Fungicide	2
Myorelaxant	2
Antitumor (Stomach)	2
Laxative	2
Antiherpetic	2
Antiarrhythmic	2
Xanthine-Oxidase-Inhibitor	2
Hypocholesterolemic	2
Choleretic	2
Antirheumatic	2
Antilipolytic	2
Antihypertensive	2
Cyclooxygenase-Inhibitor	2
Antiescherichic	2
Anticariogenic	2
Antitumor (Skin)	2
Lactagogue	2

Activity	Chemical Count
Immunostimulant	2
Antiophidic	2
Prooxidant	2
Antiflu	2
Calcium-Antagonist	2
Antiaging	2
TOPO-2-Inhibitor	2
Antiproliferant	2
Antitumor (Lung)	2
Antitumor (Breast)	2
Antiarthritic	2
Hypoglycemic	2
Antinephritic	2
Antimalarial	2
Antiseptic	2
Trypanocide	2
Anxiolytic	2
Cathartic	2
Antileishmanic	2
Candidicide	2
Antiprostaglandin	2
DNA-Protective	1
Antitumor (Prostate)	1
Antihyperthyroid	1
Lipolytic	1
AntiPMS	1
Respirastimulant	1

Activity	Chemical Count
Antitumor (CNS)	1
Antihypercholesterolemic	1
Interferon-Synergist	1
Antipapillomic	1
Protisticide	1
Antiatherogenic	1
Cytoprotective	1
Antitrypanosomic	1
Antihepatoadenomic	1
Antiobesity?	1
Potassium-Sparing	1
Antianaphylactic	1
Collagenic	1
Antitachycardic	1
Vasopressor	1
Antifibrosarcomic	1
Herbicide	1
Bronchorelaxant	1
Antimelanogenic	1
Parasympathomimetic	1
CNS-Depressant	1
Tyrosinase-Inhibitor	1
Glutathionigenic	1
Aromatase-Inhibitor	1
Antilupus	1
Thymoprotective	1
Antidiabetic	1

Activity	Chemical Count
Antivaccinia	1
Antileukoplakic	1
Cardioprotective	1
Anticervicaldysplasic	1
Estrogenic	1
Lyase-Inhibitor	1
Antiprolactin	1
Secretomotor	1
Antitumor (Liver)	1
Antihyperkeratotic	1
Antiphotophobic	1
Purgative	1
Demulcent	1
Antitumor (brain)	1
Immunosuppressant	1
Antioxalate	1
Prostaglandigenic	1
COX-1-Inhibitor	1
Antithiamin	1
Antigonadotropic	1
Antiallergenic	1
Co-carcinogenic	1
Antistomatitic	1
Uricosuric	1
Antielastase	1
Hepatocarcinogenic	1
Barbituate-Synergist	1

Activity	Chemical Count
Antimaculitic	1
PAF-Inhibitor	1
Anthelmintic	1
Trichomonicide	1
Antidiuretic	1
Glaucomagenic	1
Antixerophthalmic	1
Neurostimulant	1
Abortifacient	1
Caspase-3-Inducer	1
Anticomplement	1
Flatugenic	1
AntiLegionella	1
Metal-Chelator	1
Antiproliferative	1
Sodium-Sparing	1
DNA-Active	1
Antitumor (Ovary)	1
Leukotriene-Inhibitor	1
Antiplasmodial	1
Quinone-Reductase-Inducer	1
Anticarcinogenic	1
Antitumor (Cervix)	1
Insulinic	1
Antiozenic	1
Protease-Inhibitor	1
Antiasthmatic	1

Activity	Chemical Count
Antithyroid	1
Antihemolytic	1
Antinitrosaminic	1
Piscicide	1
Antialzheimeran	1
Collagen-Sparing	1
Antisunburn	1
Vasodilator	1
Hepatotropic	1
Beta-Glucuronidase-Inhibitor	1
Antimastitic	1
Parasympathicomimetic	1
Antiadenoviral	1
CNS-Active	1
Antishock	1
Tumorigenic	1
Antidysenteric	1
Glucosyl-Transferase-Inhibitor	1
Apoptotic	1
Antilithic	1
NO-Inhibitor	1
Chelator	1
Teratogenic	1
Antidepressant	1
FPTase-Inhibitor	1
Antiurethrotic	1
Mucogenic	1

Activity	Chemical Count
Antipsoriac	1
Elastase-Inhibitor	1
Antiichthyotic	1
Antiporphyrin	1
RNA-Inhibitor	1
Antihyperglycemic	1
Psychotropic	1
Antiangiogenic	1
Colorant	1
AntiTGF-beta	1
Vulnerary	1
Histamine-Inhibitor	1
Antimetastatic	1
Perfumery	1
CNS-Stimulant	1
Ubiquitin	1
Hemostat	1
Arteriodilator	1
Antilymphomic	1
P450-2B1-Inhibitor	1
Androgenic?	1
Cholagogue	1
Antirenitic	1
Antidiarrheic	1
Gastroprotective	1
Antileukotriene	1
Nematicide	1

Activity	Chemical Count
Cardiotonic	1
Anticholestatic	1
Expectorant	1
Antiinsomniac	1
MAO-Inhibitor	1
Antihyperlipidemic	1
Leucocytogenic	1
Antipityriasic	1
Pyrogenic	1
Anticancer (Colon)	1
Insectifuge	1
Prostatitigenic	1
Antithromboxane	1
Antihelicobacter	1
Phagocytotic	1
Antiallergic	1
Coagulant	1
Antistress	1
Uterotonic	1
Antiendotoxic	1
Beta-Blocker	1
Paralytic	1
Antiacne	1
Clastogenic	1
Antidote (Amanitin)	1
Glucogonogenic	1
Antilipoperoxidant	1

Activity	Chemical Count
NF-kB-Inhibitor	1
Aldose-Reductase-Inhibitor	1
Sunscreen	1
Anticoronary	1
FLavor	1
Antiulcerogenic	1
MMP-9-Inhibitor	1