

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in Verbascum thapsus**

<b>Activity</b>	<b>Chemical Count</b>
Antiinflammatory	19
Antioxidant	19
Pesticide	16
Cancer-Preventive	14
Hypocholesterolemic	14
Analgesic	11
Antiarthritic	9
Cardioprotective	9
Hypotensive	9
Antiedemic	9
Antitumor	9
Immunomodulator	8
Antiulcer	8
Diuretic	8
Hepatoprotective	8
Vasodilator	7
Immunostimulant	7
Antidiabetic	7
Antibacterial	7
Antiosteoporotic	7
Antimutagenic	6
Anxiolytic	6
Antirheumatic	6
Anticataract	6
Antisyndrome-X	6
Antitumor (Lung)	6
Antiacne	6

Activity	Chemical Count
Antiatherosclerotic	6
Antiviral	6
Hypoglycemic	6
Antihypertensive	6
Antiarrhythmic	5
Aldose-Reductase-Inhibitor	5
Antihistaminic	5
Antispasmodic	5
Anticoronary	5
Antiandrogenic	5
Antidepressant	5
AntiLyme	5
Calcium-Antagonist	5
Sedative	5
Antiobesity	5
Antileukemic	5
Antiseptic	5
Antifatigue	5
Fungicide	4
Propecic	4
Antistress	4
Antialcoholic	4
Antitumor (Breast)	4
Antiepileptic	4
Laxative	4
Antimigraine	4
Allergenic	4

Activity	Chemical Count
Antimaculitic	4
Phagocytotic	4
Antiallergic	4
Antiaggregant	4
Anticlimacteric	4
Antimenopausal	4
5-Alpha-Reductase-Inhibitor	4
Antialzheimeran	4
Antihangover	4
Antihepatotoxic	4
Antidementia	4
FLavor	4
Antiasthmatic	4
Insectifuge	4
Antialopepic	4
AntiPMS	4
Antieczemic	3
AntiCFS	3
Antiangiogenic	3
Antitumor (Prostate)	3
Beta-Blocker	3
Estrogenic	3
Antipyretic	3
Antitriglyceride	3
Antilithic	3
Candidicide	3
NF-kB-Inhibitor	3

Activity	Chemical Count
Antiparkinsonian	3
Apoptotic	3
AntiRaynaud's	3
Choleretic	3
Anticervicaldysplasic	3
Insulinogenic	3
Antinociceptive	3
Piscicide	3
Antileukotriene	3
Antidecubitic	3
Antifeedant	3
Gastroprotective	3
Angiotensin-Receptor-Blocker	3
Antiinsomniac	3
Antimetastatic	3
AntiHIV	3
Antidote (Lead)	3
Antiprostaglandin	3
Anticancer	3
Hypolipidemic	3
Cytotoxic	3
Antiplateau	3
Antiperiodontitic	3
Collagenic	3
Antiradicular	3
Vulnerary	3
Antiprostatic	3

Activity	Chemical Count
Antifibrotic	3
Antiaging	3
Colorant	2
Anticonvulsant	2
Larvicide	2
Antimenorrhagic	2
Antihyperkinetic	2
Antiglaucomic	2
Antidote (Cadmium)	2
Antiproliferant	2
Mucogenic	2
Antineuropathic	2
Perfumery	2
Antileukotriene-D4	2
Tranquilizer	2
Antifertility	2
Cyclooxygenase-Inhibitor	2
Hypercholesterolemic	2
Antileptic	2
Neuroprotective	2
Anorexic	2
Anticolitic	2
Antiosteoarthritic	2
Antimelanomic	2
Cathartic	2
Antigastritic	2
(-)-Chronotropic	2

Activity	Chemical Count
Antiherpetic	2
Demulcent	2
Lubricant	2
Cosmetic	2
Antiperoxidant	2
Anesthetic	2
Antiinfertility	2
Antiendometriotic	2
Antiophidic	2
Prooxidant	2
Antianginal	2
Antigingivitic	2
Antiprolactin	2
Carcinogenic	2
Antiflu	2
Antistomatitic	2
COX-2-Inhibitor	2
Antiphotophobic	2
Hepatotoxic	2
AntiMS	2
Nematicide	2
Antipellagic	2
Artemicide	2
Lipoxygenase-Inhibitor	2
Anticold	2
Antiartherosclerotic	2
CNS-Depressant	2

Activity	Chemical Count
Anticheilitic	2
Antipsoriac	2
Interferonogenic	2
Antianorectic	2
Vasopressor	2
Immunosuppressant	2
Antilymphomic	2
Uricosuric	2
Antistroke	2
Antitumor (Kidney)	2
Antipoliomyelitic	2
Antifibrinolytic	2
Antineuralgic	2
Hypertensive	2
AntiAGE	2
Beta-Glucuronidase-Inhibitor	2
AntiCrohn's	2
Antiencephalopathic	2
Antianxiety	2
Chemopreventive	2
Anticephalagic	2
Antianemic	2
Antimalarial	2
Cardiotonic	2
Anticarcinomic	2
Antidote (Aluminum)	2
Ubiquitot	2

Activity	Chemical Count
Antitumor (Colon)	2
Antidandruff	2
Antibackache	1
Antimononucleotic	1
Antiparotitic	1
Angiogenic	1
Aromatase-Inhibitor	1
Scabicide	1
Antienteritic	1
Antisarcomic	1
Lipolytic	1
Anticoeliac	1
Antioxalate	1
Fistula-Preventive	1
Antihypoxic	1
Antiviral?	1
Purgative	1
Antiretinopathic	1
Circulotonic	1
Antigranular	1
Antiophthalmic	1
Ergogenic	1
Antiurethrotic	1
Antidyskinetic	1
Antipsittacotic	1
Interferon-Synergist	1
Antimastitic	1



Activity	Chemical Count
Caspase-8-Inducer	1
Antitinnitic	1
Anticariogenic	1
Antinyctalopic	1
Ectoparasiticide	1
Abortifacient	1
PKC-Inhibitor	1
Antiamblyopic	1
Antilymphedemic	1
Cardiodepressant	1
Uricogenic	1
Antifuruncular	1
Anticancer (Skin)	1
Dermatitigenic	1
Antihepatomic	1
Antitumor (GI)	1
Antidiscotic	1
Antipodriac	1
Hypolipemic	1
Calcium-Channel-Blocker	1
MAO-Inhibitor	1
Anticancer (Breast)	1
Antinephrolytic	1
Ovicide	1
Antideliriant	1
Antipityriasic	1
Antiadenomic	1

Activity	Chemical Count
Sweetener	1
Antiberiberi	1
Convulsant	1
Antiperiodontic	1
Gonadotrophic	1
Antiinsomnic	1
Asthma-preventive	1
Serotoninerpic	1
Antiscotomic	1
Lithogenic	1
Cold-preventive	1
Antiozenic	1
Flatulent	1
Androgenic?	1
Antiimpotence	1
Respirodepressant	1
Antiencephalitic	1
Antichilblain	1
Antihyperlipoproteinaemic	1
Antivaginitic	1
Prostaglandin-Synthesis-Inhibitor	1
Antidyspeptic	1
Irritant	1
Antianorexic	1
VEGF-Inhibitor	1
Antiglycosuric	1
Antiodontalgic	1

Activity	Chemical Count
Emetic	1
ACE-Inhibitor	1
Antihyperactivity	1
Antitumor-Promoter	1
Preservative	1
Antidote (Mercury)	1
Antiprostataadenomic	1
Insecticide	1
Urinary-Acidulant	1
Myorelaxant	1
Anticapillary-Fragility	1
AntiNF-kB	1
Detoxicant (Alcohol)	1
AntiDNA	1
Antiporphyrin	1
Triglycerigenic	1
Antifibromyalgic	1
Antistaph	1
Metastatic	1
Anticancer (Kidney)	1
Antineuramidase	1
Antiheartburn	1
Antitumor (CNS)	1
Paralytic	1
Antiplasmodial	1
Hypnotic	1
Antileukonychic	1

Activity	Chemical Count
Bruchicide	1
Testosteronigenic	1
Antibradykinic	1
Antimycoplasmotic	1
AntiCTS	1
Hemorrhagic	1
Antikeratitic	1
Atherogenic	1
Spermicide	1
Antiestrogenic	1
Antishingles	1
Antimitral-valve-prolapse	1
Collyrium	1
Anticomplementary	1
FPTase-Inhibitor	1
Rodenticide	1
AntiRNA	1
Leucocytogenic	1
Antiototic	1
Fibrinolytic	1
Amphiglycemic?	1
Antihypoglycemic	1
Pulicide	1
AntiEBV	1
Lactagogue	1
Antiarabiflavinotic	1
Antigout	1

Activity	Chemical Count
Energizer	1
Aggregant	1
Antihyperkeratotic	1
Antiulcerogenic	1
Antidysgeuzic	1
Antipruritic	1
Antimastalgic	1
Cardiotoxic	1
Uterotonic	1
Antitic	1
Anticardiospasmic	1
DME-Inhibitor	1
Antihiccup	1
Antitumor (Pancreas)	1
Antidote (Amanitin)	1
Ulcerogenic	1
Mosquitocide	1
Anticancer (Prostate)	1
Antineuritic	1
Depressant	1
Antihepatic	1
Antitumor (Gastric)	1
Percutaneostimulant	1
Antipneumonic	1
Antiakathisic	1
TOPO-2-Inhibitor	1
Antispare-Tire	1

Activity	Chemical Count
Lymphokinetic	1
Anticancer	1
Antinephritic	1
Antitumor (brain)	1
Osteogenic	1
Antiacrodynic	1
Antileishmanic	1
Beta-Adrenergic Receptor Blocker	1
Suppository	1
Comedolytic	1
Anticorneotic	1
Antienterotic	1
Antiscorbutic	1
Flatugenic	1
Androgenic	1
Antiichthyotic	1
Antixerophthalmic	1
Quinone-Reductase-Inducer	1
Antiretinotic	1
Larvostat	1
Antiorchitic	1
Erythrocytogenic	1
Allelochemic	1
Antihyperlipidemic	1
Antivaccinia	1
Prostaglandin-Sparer	1
Antidysmenorrhic	1

Activity	Chemical Count
Antimeasles	1
Catabolic	1
Antiglossitic	1
Antitoxoplasmotic	1
Anticarpal-Tunnel	1
Elastase-Inhibitor	1
Acaricide	1
Antitumor (Stomach)	1
Polyamine-Synthesis-Inhibitor	1
Antianaphylactic	1
Cardiomyopathogenic	1
Antigallstone	1
Mucolytic	1
Antineurotic	1
Detoxicant	1
(+)-Inotropic	1
Antidiuretic	1
Antiallergenic	1
Antilipoperoxidant	1
Trichomonicide	1
Antispasmophilic	1
Memorigenic	1
Anticancer (Cervix)	1
Antitumor (Cervix)	1
Ovulant	1
Taenicide	1
AntiBPH	1

Activity	Chemical Count
Antimyalgic	1
Copper-Antagonist	1
Neurotransmitter	1
Hemolytic	1
Anti-LDL	1
Antischemic	1
Astringent	1
Soap	1
Antiescherichic	1
Litholytic	1
Antimitotic	1
Anticomplement	1
Antipapillomic	1
Anemiagenic	1
Antiinfective	1
AP-1-Inhibitor	1
RNA-Inhibitor	1
Antirhinitic	1
Leptingenic	1
Anticirrhotic	1
Febrifuge	1
Alpha-Reductase-Inhibitor	1
Antivertigo	1
Protein-Kinase-C-Inhibitor	1
Antidysphagic	1
Juvabional	1
AntiMeniere's	1



Activity	Chemical Count
Antigonadotrophic	1
Antionychotic	1
Encephalopathic	1
Acidulant	1
Antihyperglycemic	1
ProHDL	1
Antidote (Paraquat)	1
Uterorelaxant	1
Antigastric	1
AntiTGF-beta	1
Narcotic	1
Antinitrosic	1
(-)-Inotropic	1
Antiherpetic?	1
Antitumor (Ovary)	1
Phytoalexin	1
Antiprogestational	1
Hypouricemic	1
Antilupus	1
Capillariprotective	1
Antistaphylococcic	1
Mitogenic	1
Anticancer (Lung)	1
Antineurasthenic	1
Deodorant	1
Antihemorrhagic	1
Pediculicide	1

Activity	Chemical Count
Antidermatitic	1
Antileukoplakic	1
Bruchiphobe	1
Thymoprotective	1
Antisilicotic	1
Lymphocytogenic	1
Antibrucellosic	1
Antimyocarditic	1
COX-1-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
AntiPGE2	1
Antiacrodermatitic	1
Antikeshan	1
Bacteristat	1
Spermigenic	1