

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

Activity	Chemical Count
(+)-Inotropic	1
(-)-Chronotropic	2
(-)-Inotropic	1
5-Alpha-Reductase-Inhibitor	4
Abortifacient	1
Acaricide	1
ACE-Inhibitor	1
Acidulant	1
Aggregant	1
Aldose-Reductase-Inhibitor	5
Allelochemic	1
Allergenic	4
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	11
Androgenic	1
Androgenic?	1
Anemiagenic	1
Anesthetic	2
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anti-LDL	1
Antiacne	6
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1

Activity	Chemical Count
AntiAGE	2
Antiaggregant	4
Antiaging	3
Antiakathisic	1
Antialcoholic	4
Antiallergenic	1
Antiallergic	4
Antialopepic	4
Antialzheimeran	4
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	5
Antianemic	2
Antianginal	2
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	5
Antiartherosclerotic	2
Antiarthritic	9
Antiasthmatic	4
Antiatherosclerotic	6
Antibackache	1
Antibacterial	7
Antiberiberi	1

Activity	Chemical Count
AntiBPH	1
Antibradykinic	1
Antibrucellosic	1
Anticancer	1
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Kidney)	1
Anticancer (Lung)	1
Anticancer (Prostate)	1
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinomic	2
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	6
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2

Activity	Chemical Count
Anticomplement	1
Anticomplementary	1
Anticonvulsant	2
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2
AntiCTS	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	4
Antidepressant	5
Antidermatitic	1
Antidiabetic	7
Antidiscotic	1
Antidiuretic	1
AntiDNA	1
Antidote (Aluminum)	2
Antidote (Amanitin)	1
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidyspeptic	1

Activity	Chemical Count
Antidysphagic	1
AntiEBV	1
Antieczemic	3
Antiedemic	9
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antiesherichic	1
Antiestrogenic	1
Antifatigue	5
Antifeedant	3
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antiflu	2
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1

Activity	Chemical Count
Antigonadotrophic	1
Antigout	1
Antigranular	1
Antihangover	4
Antiheartburn	1
Antihemorrhagic	1
Antihepatitic	1
Antihepatomic	1
Antihepatotoxic	4
Antiherpetic	2
Antiherpetic?	1
Antihiccup	1
Antihistaminic	5
AntiHIV	3
Antihyperactivity	1
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	6
Antihypoglycemic	1
Antihypoxic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2

Activity	Chemical Count
Antiinflammatory	19
Antiinsomniac	3
Antiinsomnic	1
Antischemic	1
Antikeratitic	1
Antikeshan	1
Antileishmanic	1
Antileptic	2
Antileukemic	5
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphedemic	1
Antilymphomic	2
Antimaculitic	4
Antimalarial	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4

Activity	Chemical Count
Antimenorrhagic	2
Antimetastatic	3
Antimigraine	4
Antimitotic	1
Antimitral-valve-prolapse	1
Antimononucleotic	1
AntiMS	2
Antimutagenic	6
Antimyalgic	1
Antimycoplasmotic	1
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	5
Antiodontalgic	1
Antionychoytic	1
Antiophidic	2



Activity	Chemical Count
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxalate	1
Antioxidant	19
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontic	1
Antiperiodontitic	3
Antiperoxidant	2
AntiPGE2	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	3
Antiplasmodial	1
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipoliomyelitic	2
Antiporphyrhic	1
Antiprogestational	1
Antiprolactin	2

Activity	Chemical Count
Antiproliferant	2
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatic	3
Antipruritic	1
Antipsittacotic	1
Antipsoriac	2
Antipyretic	3
Antiradicular	3
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	1
AntiRNA	1
Antisarcomic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	5
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	5
Antispasmophilic	1
Antistaph	1
Antistaphylococcic	1
Antistomatitic	2

Activity	Chemical Count
Antistress	4
Antistroke	2
Antisyndrome-X	6
AntiTGF-beta	1
Antitic	1
Antitinnitic	1
Antitoxoplasmotic	1
Antitriglyceride	3
Antitumor	9
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Gastric)	1
Antitumor (GI)	1
Antitumor (Kidney)	2
Antitumor (Lung)	6
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	3
Antitumor (Stomach)	1
Antitumor-Promoter	1
Antiulcer	8
Antiulcerogenic	1
Antiurethrotic	1
Antivaccinia	1

Activity	Chemical Count
Antivaginitic	1
Antivertigo	1
Antiviral	6
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	6
AP-1-Inhibitor	1
Apoptotic	3
Aromatase-Inhibitor	1
Artemicide	2
Asthma-preventive	1
Astringent	1
Atherogenic	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	2
Bruchicide	1
Bruchiphobe	1
Calcium-Antagonist	5
Calcium-Channel-Blocker	1
Cancer-Preventive	14
Candidicide	3
Capillariprotective	1
Carcinogenic	2
Cardiodepressant	1
Cardiomyopathogenic	1

Activity	Chemical Count
Cardioprotective	9
Cardiotonic	2
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	1
Cathartic	2
Chemopreventive	2
Choleretic	3
Circulotonic	1
CNS-Depressant	2
Cold-preventive	1
Collagenic	3
Collyrium	1
Colorant	2
Comedolytic	1
Convulsant	1
Copper-Antagonist	1
Cosmetic	2
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	2
Cytotoxic	3
Demulcent	2
Deodorant	1
Depressant	1
Dermatitigenic	1
Detoxicant	1

Activity	Chemical Count
Detoxicant (Alcohol)	1
Diuretic	8
DME-Inhibitor	1
Ectoparasiticide	1
Elastase-Inhibitor	1
Emetic	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	3
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
Flatulent	1
FLavor	4
FPTase-Inhibitor	1
Fungicide	4
Gastroprotective	3
Gonadotrophic	1
Hemolytic	1
Hemorrhagic	1
Hepatoprotective	8
Hepatotoxic	2
Hypercholesterolemic	2
Hypertensive	2

Activity	Chemical Count
Hypnotic	1
Hypocholesterolemic	14
Hypoglycemic	6
Hypolipemic	1
Hypolipidemic	3
Hypotensive	9
Hypouricemic	1
Immunomodulator	8
Immunostimulant	7
Immunosuppressant	2
Insecticide	1
Insectifuge	4
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	2
Irritant	1
Juvabional	1
Lactagogue	1
Larvicide	2
Larvostat	1
Laxative	4
Leptogenic	1
Leucocytogenic	1
Lipolytic	1
Lipoxygenase-Inhibitor	2
Lithogenic	1
Litholytic	1

Activity	Chemical Count
Lubricant	2
Lymphocytogenic	1
Lymphokinetic	1
MAO-Inhibitor	1
Memorigenic	1
Metastatic	1
Mitogenic	1
Mosquitocide	1
Mucogenic	2
Mucolytic	1
Myorelaxant	1
Narcotic	1
Nematicide	2
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	3
Ornithine-Decarboxylase-Inhibitor	1
Osteogenic	1
Ovicide	1
Ovulant	1
Paralytic	1
Pediculicide	1
Percutaneostimulant	1
Perfumery	2
Pesticide	16
Phagocytotic	4
Phytoalexin	1



Activity	Chemical Count
Piscicide	3
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Preservative	1
ProHDL	1
Prooxidant	2
Propecic	4
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Pulicide	1
Purgative	1
Quinone-Reductase-Inducer	1
Respirodepressant	1
RNA-Inhibitor	1
Rodenticide	1
Scabicide	1
Sedative	5
Serotonergic	1
Soap	1
Spermicide	1
Spermigenic	1
Suppository	1
Sweetener	1
Taenicide	1
Testosteronigenic	1
Thymoprotective	1

Activity	Chemical Count
TOPO-2-Inhibitor	1
Tranquilizer	2
Trichomonicide	1
Triglycerigenic	1
Ubiquiot	2
Ulcerogenic	1
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Uterorelaxant	1
Uterotonic	1
Vasodilator	7
Vasopressor	2
VEGF-Inhibitor	1
Vulnerary	3