

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Viburnum prunifolium

| Activity | Chemical Count |
|-----------------------------|-----------------------|
| 5-Alpha-Reductase-Inhibitor | 3 |
| 5-Lipoxygenase-Inhibitor | 2 |
| Abortifacient | 1 |
| Absorbent | 1 |
| Acaricide | 2 |
| ACE-Inhibitor | 1 |
| Acetylcholinergic | 1 |
| Acidulant | 1 |
| Aggregant | 1 |
| Aldose-Reductase-Inhibitor | 6 |
| Allelochemic | 4 |
| Allergenic | 3 |
| Alpha-Amylase-Inhibitor | 1 |
| Alpha-Reductase-Inhibitor | 1 |
| Analgesic | 9 |
| Androgenic | 1 |
| Anemiagenic | 1 |
| Anesthetic | 1 |
| Angiogenic | 1 |
| Anorexic | 1 |
| Anthelmintic | 1 |
| Antiacne | 1 |
| Antiadenomic | 1 |
| Antiadrenergic | 1 |
| Antiaflatoxin | 1 |
| Antiaggregant | 1 |
| Antiallergic | 1 |

| Activity | Chemical Count |
|--------------------------|----------------|
| Antiallopecic | 3 |
| Antialzheimeran | 1 |
| Antianaphylactic | 1 |
| Antiandrogenic | 4 |
| Antiaphthic | 1 |
| Antiarrhythmic | 5 |
| Antiartherosclerotic | 1 |
| Antiarthritic | 3 |
| Antiasthmatic | 1 |
| Antiasthmatic? | 2 |
| Antiatherosclerotic | 4 |
| Antibacterial | 14 |
| Antibradykinic | 1 |
| Antibronchoconstrictor | 1 |
| Anticalculic | 1 |
| Anticancer | 2 |
| Anticancer (Breast) | 1 |
| Anticancer (Cervix) | 1 |
| Anticancer (Colon) | 2 |
| Anticancer (Forestomach) | 1 |
| Anticancer (Liver) | 1 |
| Anticancer (Lung) | 1 |
| Anticancer (Skin) | 1 |
| Anticapillary-Fragility | 2 |
| Anticarcinogenic | 1 |
| Anticarcinomic | 2 |
| Anticariogenic | 3 |

| Activity | Chemical Count |
|-------------------|----------------|
| Anticholestatic | 1 |
| Anticholinergic | 2 |
| Anticoagulant | 2 |
| Anticomplement | 2 |
| Anticoronary | 1 |
| Antidandruff | 1 |
| Antidermatotic | 1 |
| Antidiabetic | 2 |
| Antidiarrheic | 1 |
| Antidote (Iodine) | 1 |
| Antidysenteric | 3 |
| AntiEBV | 2 |
| Antieczemic | 2 |
| Antiedemic | 10 |
| Antiescherichic | 3 |
| Antiestrogenic | 1 |
| Antifeedant | 4 |
| Antifertility | 2 |
| Antifibrinolytic | 2 |
| Antifibromyalgic | 1 |
| Antifibrosarcomic | 1 |
| Antigenotoxic | 1 |
| Antigingivitic | 1 |
| Antigonadotrophic | 1 |
| Antigonadotropic | 1 |
| Antigranular | 1 |
| Antihemolytic | 1 |

| Activity | Chemical Count |
|---------------------------|----------------|
| Antihepatotoxic | 6 |
| Antiherpetic | 1 |
| Antihiccup | 1 |
| Antihistaminic | 4 |
| AntiHIV | 5 |
| Antihypercholesterolemic | 1 |
| Antihyperlipidemic | 2 |
| Antihyperlipoproteinaemic | 1 |
| Antihypertensive | 1 |
| Antihyperthyroid | 1 |
| Antihysterical | 1 |
| Antiichthyosic | 1 |
| Antiinflammatory | 15 |
| Antiinsomniac | 1 |
| Antiischemic | 1 |
| Antiketotic | 1 |
| AntiLegionella | 1 |
| Antileishmanic | 2 |
| Antileukemic | 4 |
| Antileukotriene | 2 |
| Antileukotriene-D4 | 2 |
| Antileukotrienogenic | 1 |
| Antilipolytic | 1 |
| Antilymphomic | 2 |
| Antimalarial | 2 |
| Antimelanogenic | 2 |
| Antimenorrhagic | 1 |

| Activity | Chemical Count |
|-----------------------|----------------|
| Antimetastatic | 1 |
| Antimitotic | 1 |
| AntiMS | 1 |
| Antimutagenic | 9 |
| Antinephritic | 3 |
| Antinesidioblastosic | 1 |
| Antineuralgic | 2 |
| Antinitrosaminic | 1 |
| Antinociceptive | 3 |
| Antiobesity? | 1 |
| Antioncychomycotic | 1 |
| Antiophidic | 2 |
| Antiophthalmic | 1 |
| Antiotitic | 1 |
| Antioxidant | 12 |
| Antioxidant Synergist | 2 |
| Antiperiodic | 2 |
| Antiperiodontic | 1 |
| Antiperoxidant | 4 |
| AntiPGE2 | 1 |
| Antiplaque | 1 |
| Antiplasmodial | 2 |
| Antipodagric | 2 |
| Antipolio | 1 |
| Antiprogestational | 1 |
| Antiproliferant | 1 |
| Antiproliferative | 1 |

| Activity | Chemical Count |
|----------------------|----------------|
| Antiprostaglandin | 3 |
| Antiprostataadenomic | 1 |
| Antiprostatitic | 2 |
| Antipsoriac | 1 |
| Antipyretic | 5 |
| Antiradicular | 2 |
| Antirenitic | 1 |
| Antirheumatic | 2 |
| Antisalmonella | 1 |
| Antisarcomic | 1 |
| Antiseborrhoeic | 3 |
| Antiseptic | 14 |
| Antispasmodic | 3 |
| Antistaphylococcic | 4 |
| Antistreptococcic | 1 |
| Antisunburn | 1 |
| Antisyncopic | 1 |
| AntiTGF-beta | 2 |
| Antithromboxane | 1 |
| Antithyroid | 1 |
| Antitrypanosomic | 1 |
| Antitubercular | 2 |
| Antitumor | 9 |
| Antitumor (brain) | 1 |
| Antitumor (Breast) | 3 |
| Antitumor (Cervix) | 2 |
| Antitumor (Colon) | 3 |

| Activity | Chemical Count |
|----------------------------------|----------------|
| Antitumor (Forestomach) | 1 |
| Antitumor (Kidney) | 1 |
| Antitumor (Liver) | 1 |
| Antitumor (Lung) | 3 |
| Antitumor (Ovary) | 1 |
| Antitumor (Pancreas) | 1 |
| Antitumor (Skin) | 1 |
| Antitumor (Stomach) | 1 |
| Antitumor-Promoter | 3 |
| Antitussive | 1 |
| Antitympanic | 1 |
| Antiulcer | 7 |
| Antivaginitic | 1 |
| Antivaricose | 1 |
| Antiviral | 6 |
| Apoptotic | 2 |
| Aromatase-Inhibitor | 2 |
| Artemicide | 2 |
| Astringent | 1 |
| Atherogenic | 1 |
| Autotoxic | 1 |
| Bacteristat | 1 |
| Beta-Blocker | 2 |
| Beta-Glucuronidase-Inhibitor | 2 |
| Bronchorelaxant | 2 |
| Bruchiphobe | 1 |
| cAMP-Phosphodiesterase-Inhibitor | 1 |

| Activity | Chemical Count |
|--------------------------|----------------|
| Cancer-Preventive | 15 |
| Candidicide | 5 |
| Carcinogenic | 2 |
| Cardiodepressant | 2 |
| Cardioprotective | 3 |
| Cardiotonic | 3 |
| Caspase-8-Inducer | 1 |
| Chelator | 1 |
| Chemopreventive | 1 |
| Cholagogue | 2 |
| Choleretic | 7 |
| Clastogenic | 1 |
| CNS-Active | 1 |
| CNS-Depressant | 3 |
| CNS-Paralytic | 1 |
| CNS-Stimulant | 2 |
| Collagen-Sparing | 1 |
| Collyrium | 1 |
| Comedolytic | 2 |
| Corrosive | 1 |
| Cosmetic | 3 |
| Counterirritant | 1 |
| COX-2-Inhibitor | 3 |
| Cyclooxygenase-Inhibitor | 4 |
| Cytotoxic | 5 |
| Demulcent | 1 |
| Dermatitigenic | 4 |

| Activity | Chemical Count |
|--------------------------------|----------------|
| Disinfectant | 1 |
| Diuretic | 4 |
| Elastase-Inhibitor | 2 |
| Emollient | 1 |
| Estrogenic | 1 |
| Expectorant | 1 |
| Fatal | 1 |
| Febrifuge | 1 |
| Flatugenic | 1 |
| FLavor | 6 |
| Fungicide | 9 |
| Fungistat | 1 |
| Fungitoxic | 1 |
| Gastroprotective | 2 |
| Glucosyl-Transferase-Inhibitor | 1 |
| Gonadotrophic | 1 |
| Hemolytic | 1 |
| Hemopoietic | 1 |
| Hemostat | 1 |
| Hemostatic | 1 |
| Hepatoprotective | 11 |
| Herbicide | 1 |
| Histamine-Inhibitor | 1 |
| Hypercholesterolemic | 3 |
| Hyperglycemic | 1 |
| Hypertensive | 2 |
| Hypocholesterolemic | 3 |

| Activity | Chemical Count |
|------------------------|----------------|
| Hypoglycemic | 5 |
| Hypolipemic | 1 |
| Hypolipidemic | 1 |
| Hypotensive | 4 |
| Immunomodulator | 3 |
| Immunostimulant | 1 |
| Immunosuppressant | 1 |
| Insectifuge | 5 |
| Insulin-Sparing | 1 |
| Interferonogenic | 1 |
| Irritant | 6 |
| Juvabional | 1 |
| Keratitigenic | 1 |
| Keratolytic | 1 |
| Larvicide | 1 |
| Larvostat | 1 |
| Laxative? | 2 |
| Leucocytogenic | 2 |
| Leukotriene-Inhibitor | 1 |
| Lipoxygenase-Inhibitor | 6 |
| Litholytic | 1 |
| Lubricant | 2 |
| MAO-Inhibitor | 2 |
| Memory-Enhancer | 1 |
| Metal-Chelator | 1 |
| Metastatic | 1 |
| MMP-9-Inhibitor | 1 |

| Activity | Chemical Count |
|-----------------------------------|----------------|
| Mosquitocide | 1 |
| Mucolytic | 1 |
| Musculotropic | 3 |
| Mycobactericide | 2 |
| Mycoplasmatat | 1 |
| Myorelaxant | 4 |
| Nematicide | 3 |
| NF-kB-Inhibitor | 1 |
| NO-Genic | 1 |
| Odontolytic | 1 |
| Ornithine-Decarboxylase-Inhibitor | 3 |
| Osteolytic | 1 |
| Oviposition-Stimulant | 1 |
| Percutaneostimulant | 1 |
| Perfumery | 5 |
| Pesticide | 19 |
| Phagocytotic | 1 |
| Phosphodiesterase-Inhibitor | 1 |
| Photoactive | 1 |
| Phytoalexin | 1 |
| Phytohormonal | 1 |
| Piscicide | 2 |
| Potassium-Sparing | 1 |
| Poultice | 1 |
| Preservative | 2 |
| Propecic | 3 |
| Prostaglandin-Synthesis-Inhibitor | 2 |

| Activity | Chemical Count |
|---------------------------|----------------|
| Protease-Inhibitor | 1 |
| Protisticide | 2 |
| Psychotropic | 1 |
| Quinone-Reductase-Inducer | 1 |
| Refrigerant | 1 |
| Renotoxic | 1 |
| Sedative | 4 |
| Sialogogue | 1 |
| Soap | 1 |
| Sodium-Sparing | 1 |
| Spermicide | 2 |
| Stomachic | 1 |
| Sunscreen | 4 |
| Sweetener | 2 |
| Teratogenic | 1 |
| Thermogenic | 1 |
| Tineacide | 1 |
| Tonic | 1 |
| TOPO-2-Inhibitor | 1 |
| Toxic | 1 |
| Tranquilizer | 2 |
| Triglycerigenic | 1 |
| Trypanocide | 1 |
| Tyrosinase-Inhibitor | 1 |
| Ubiquit | 1 |
| Ulcerogenic | 3 |
| Uricogenic | 1 |

| Activity | Chemical Count |
|----------------------------|----------------|
| Urinary-Antiseptic | 1 |
| Uterorelaxant | 1 |
| Uterosedative | 1 |
| Uterotonic | 1 |
| UV-Screen | 2 |
| Varroacide | 1 |
| Vasoconstrictor | 1 |
| Vasopressor | 2 |
| Verrucolytic | 1 |
| Vulnerary | 2 |
| Xanthine-Oxidase-Inhibitor | 4 |