

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Dioscorea pentaphylla

| Activity | Chemical Count |
|------------------------------|-----------------------|
| 5-Alpha-Reductase-Inhibitor | 4 |
| Acidulant | 1 |
| Adjuvant | 1 |
| Aldose-Reductase-Inhibitor | 1 |
| Allergenic | 4 |
| Alpha-Reductase-Inhibitor | 1 |
| Analgesic | 3 |
| Androgenic? | 1 |
| Anemiagenic | 2 |
| Angiotensin-Receptor-Blocker | 3 |
| Antiacid | 1 |
| Antiacne | 3 |
| Antiacrodynic | 1 |
| AntiADD | 1 |
| AntiAGE | 1 |
| Antiaggregant | 2 |
| Antiaging | 2 |
| Antiakathisic | 1 |
| Antialcoholic | 2 |
| Antialdosteronic | 1 |
| Antialkali? | 1 |
| Antialkalotic | 1 |
| Antiallergic | 3 |
| Antialopepic | 3 |
| Antialzheimeran | 3 |
| Antiamblyopic | 1 |
| Antianaphylactic | 1 |

| Activity | Chemical Count |
|-----------------------|----------------|
| Antiandrogenic | 3 |
| Antianemic | 1 |
| Antianginal | 2 |
| Antianorectic | 2 |
| Antianxiety | 3 |
| Antiarabiflavinotic | 1 |
| Antiarrhythmic | 3 |
| Antiarteriosclerotic | 2 |
| Antiartihritic | 5 |
| Antiasthmatic | 3 |
| Antiatherosclerotic | 3 |
| Antibackache | 1 |
| Antibacterial | 1 |
| Antiberiberi | 1 |
| Anticancer | 1 |
| Anticanker | 2 |
| Anticarcinomic | 1 |
| Anticardiospasmic | 1 |
| Anticarpal-Tunnel | 1 |
| Anticataract | 5 |
| Anticephalagic | 2 |
| Anticervicaldysplasic | 3 |
| AntiCFS | 2 |
| Anticheilitic | 2 |
| Antichilblain | 1 |
| Anticlimacteric | 3 |
| Anticold | 1 |

| Activity | Chemical Count |
|--------------------------|----------------|
| Anticolitic | 1 |
| Anticonvulsant | 2 |
| Anticoronary | 3 |
| AntiCrohn's | 1 |
| AntiCTS | 1 |
| Antidecubitic | 3 |
| Antideliriant | 1 |
| Antidementia | 4 |
| Antidepressant | 6 |
| Antidepressant? | 1 |
| Antidermatitic | 1 |
| Antidiabetic | 4 |
| Antidiabetic? | 1 |
| Antidote (Acetaminophen) | 1 |
| Antidote (Aluminum) | 2 |
| Antidote (Cadmium) | 1 |
| Antidote (Hypoglycin-A) | 1 |
| Antidote (Lead) | 2 |
| Antidote (Paracetamol) | 1 |
| Antidote (Paraquat) | 1 |
| Antidyskinetic | 1 |
| Antidysmenorrhic | 1 |
| Antidyspeptic | 1 |
| Antidysphagic | 1 |
| Antieczemic | 4 |
| Antiedemic | 1 |
| Antiencephalitic | 1 |

| Activity | Chemical Count |
|----------------------|----------------|
| Antiencephalopathic | 6 |
| Antiencephalopathic? | 1 |
| Antiendometriotic | 2 |
| Antienterotic | 1 |
| Antiepileptic | 3 |
| Antifatigue | 4 |
| Antifibrinolytic | 2 |
| Antifibromyalgic | 1 |
| Antifibrotic | 1 |
| Antigallstone | 1 |
| Antigastritic | 3 |
| Antigastrotic | 1 |
| Antigingivitic | 1 |
| Antiglaucomic | 2 |
| Antiglossitic | 1 |
| Antigranular | 1 |
| Antihangover | 3 |
| Antiheartburn | 1 |
| Antihemorrhagic | 1 |
| Antihepatitic | 2 |
| Antihepatotic | 1 |
| Antihepatotoxic | 1 |
| Antiherpetic | 3 |
| Antihistaminic | 3 |
| Antihomocystinuric | 1 |
| Antihyperactivity | 1 |
| Antihyperammonemic | 1 |

| Activity | Chemical Count |
|--------------------|----------------|
| Antihyperkeratotic | 1 |
| Antihyperkinetic | 2 |
| Antihypertensive | 7 |
| Antihypoglycemic | 1 |
| Antiichthyotic | 1 |
| Antiimpotence | 1 |
| Antiinfertility | 2 |
| Antiinflammatory | 5 |
| Antiinsomniac | 3 |
| Antiinsomnic | 1 |
| Antikeratitic | 1 |
| Antileptic | 1 |
| Antileukoplakic | 1 |
| Antileukotriene-D4 | 3 |
| Antilipoperoxidant | 1 |
| Antilithic | 3 |
| Antilupus | 1 |
| AntiLyme | 5 |
| Antimaculitic | 2 |
| Antimanic | 1 |
| Antimastalgic | 1 |
| Antimastitic | 1 |
| Antimeasles | 1 |
| AntiMeniere's | 1 |
| Antimenopausal | 4 |
| Antimenorrhagic | 2 |
| Antimigraine | 5 |

| Activity | Chemical Count |
|---------------------------|----------------|
| Antimitral-valve-prolapse | 1 |
| Antimorphinic | 1 |
| AntiMS | 3 |
| Antimutagenic | 2 |
| Antimyocarditic | 1 |
| Antinephritic | 1 |
| Antinephrolytic | 1 |
| Antineuralgic | 2 |
| Antineuramidase | 1 |
| Antineurasthenic | 1 |
| Antineuritic | 1 |
| Antineuropathic | 1 |
| Antineurotic | 1 |
| Antinitrosic | 1 |
| Antiobesity | 3 |
| Antiorchitic | 1 |
| Antiosteoarthritic | 1 |
| Antiosteoporotic | 4 |
| Antioxidant | 8 |
| Antioxidant? | 2 |
| Antiozenic | 1 |
| Antipapillomic | 1 |
| Antiparkinsonian | 6 |
| Antiparotitic | 1 |
| Antipellagic | 3 |
| Antiperiodontitic | 2 |
| Antiphenylketonuric | 2 |

| Activity | Chemical Count |
|-------------------|----------------|
| Antiphotophobic | 2 |
| Antipityriasic | 1 |
| Antiplateque | 1 |
| AntiPMS | 3 |
| Antipneumonic | 1 |
| Antipodriac | 1 |
| Antipoliomyelitic | 2 |
| Antipolyneuritic | 1 |
| Antiporphyric | 1 |
| Antiproliferant | 1 |
| Antiprostaglandin | 1 |
| Antiprostatitic | 3 |
| Antiprostatotic | 1 |
| Antipruritic | 1 |
| Antipsoriac | 1 |
| Antipsychotic | 1 |
| Antipyretic | 1 |
| Antiradicular | 2 |
| AntiRaynaud's | 3 |
| Antiretardation | 1 |
| Antiretinopathic | 1 |
| Antiretinotic | 1 |
| Antirheumatic | 4 |
| Antirhinitic | 1 |
| Antiscoliotic | 1 |
| Antiscorbatic | 1 |
| Antiscotomic | 1 |

| Activity | Chemical Count |
|----------------------|----------------|
| Antiseptic | 1 |
| Antishingles | 1 |
| Antisickling | 2 |
| Antispasmodic | 4 |
| Antispasmophilic | 1 |
| Antistress | 4 |
| Antistroke | 2 |
| Antisyndrome-X | 2 |
| Antitic | 1 |
| Antitumor | 2 |
| Antitumor (Breast) | 1 |
| Antitumor (CNS) | 1 |
| Antitumor (Colon) | 1 |
| Antitumor (Gastric) | 1 |
| Antitumor (Lung) | 2 |
| Antitumor (Prostate) | 1 |
| Antitumor (Stomach) | 1 |
| Antiulcer | 7 |
| Antiuremic | 1 |
| Antivertigo | 1 |
| Antiviral | 1 |
| Antivertilgic | 1 |
| Antixerophthalmic | 1 |
| Anxiolytic | 5 |
| Aphrodisiac | 1 |
| Apoptotic | 1 |
| Asthma-preventive | 1 |

| Activity | Chemical Count |
|----------------------------------|----------------|
| Beta-Adrenergic Receptor Blocker | 1 |
| Beta-Blocker | 2 |
| Beta-Glucuronidase-Inhibitor | 1 |
| Calcium-Antagonist | 2 |
| Calcium-Channel-Blocker | 1 |
| Cancer-Preventive | 13 |
| Carcinogenic | 2 |
| Cardioprotective | 5 |
| Cardiotoxic | 1 |
| Chemopreventive | 1 |
| Choleretic | 2 |
| Circulotonic | 1 |
| CNS-Depressant | 1 |
| Cold-preventive | 1 |
| Collagenic | 1 |
| Colorant | 1 |
| Comedolytic | 1 |
| Cosmetic | 1 |
| COX-1-Inhibitor | 1 |
| COX-2-Inhibitor | 1 |
| Dermatitigenic | 2 |
| Detoxicant | 1 |
| Diuretic | 6 |
| Emetic | 1 |
| Essential | 8 |
| Fibrinolytic | 1 |
| Fistula-Preventive | 1 |

| Activity | Chemical Count |
|----------------------|----------------|
| FLavor | 6 |
| Gastroprotective | 1 |
| Glutathionigenic | 1 |
| Hemolytic | 1 |
| Hepatoprotective | 3 |
| Hepatotoxic | 1 |
| Hypercholesterolemic | 1 |
| Hypertensive | 1 |
| Hypnotic | 1 |
| Hypoammonemic | 1 |
| Hypoarginanemic | 1 |
| Hypocholesterolemic | 10 |
| Hypoglycemic | 3 |
| Hypolipidemic | 1 |
| Hypotensive | 6 |
| Hypouricemic | 1 |
| Immunomodulator | 3 |
| Immunostimulant | 3 |
| Insectifuge | 4 |
| Insulinase-Inhibitor | 1 |
| Insulinogenic | 1 |
| Insulinotonic | 1 |
| Interferon-Synergist | 1 |
| Interferonogenic | 1 |
| Irritant | 2 |
| Laxative | 3 |
| Lipotropic | 1 |

| Activity | Chemical Count |
|---------------------|----------------|
| Lithogenic | 1 |
| Litholytic | 1 |
| Lubricant | 2 |
| Metastatic | 1 |
| Monoamine-Precursor | 3 |
| Mucogenic | 1 |
| Mucolytic | 1 |
| Myorelaxant | 1 |
| Nematicide | 2 |
| Neuroexcitant | 1 |
| Neuroinhibitor | 1 |
| Neuroprotective | 1 |
| Neurotoxic | 1 |
| Neurotransmitter | 1 |
| NO-Genic | 1 |
| Osteogenic | 1 |
| Oxidant | 2 |
| Percutaneostimulant | 2 |
| Perfumery | 3 |
| Pesticide | 3 |
| Phagocytotic | 1 |
| Pituitary-Stimulant | 1 |
| Prolactinogenic | 1 |
| Prooxidant | 2 |
| Propecic | 4 |
| Roborant | 1 |
| Sedative | 2 |

| Activity | Chemical Count |
|-------------------|----------------|
| Serotonergic | 2 |
| Soap | 1 |
| Spermigenic | 1 |
| Suppository | 1 |
| Thymoprotective | 1 |
| Tranquilizer | 2 |
| Tremorigenic | 1 |
| Tumor-Promoter | 1 |
| Ubiquiot | 1 |
| Uricosuric | 2 |
| Urinary-Acidulant | 1 |
| Urine-Acidifier | 1 |
| Urine-Deodorant | 1 |
| Uterorelaxant | 1 |
| Vasodilator | 7 |
| Vulnerary | 1 |