

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Araucaria bidwillii***

| Activity | Chemical Count |
|----------------------------|-----------------------|
| 11B-HSD-Inhibitor | 2 |
| 5-HT-Inhibitor | 1 |
| 5-Lipoxygenase-Inhibitor | 1 |
| Aldehyde-Oxidase-Inhibitor | 2 |
| Aldose-Reductase-Inhibitor | 3 |
| Allelochemic | 3 |
| Allergenic | 1 |
| Analgesic | 1 |
| Androgenic | 1 |
| Angiogenic | 1 |
| Anorexic | 1 |
| Anthelmintic | 1 |
| AntiADD | 1 |
| Antiadenomic | 1 |
| Antiaflatoxin | 2 |
| Antiaggregant | 3 |
| Antiaging | 2 |
| Antiallergenic | 1 |

| Activity | Chemical Count |
|-------------------------|-----------------------|
| Antiallergic | 3 |
| Antialzheimeran | 1 |
| Antianaphylactic | 1 |
| Antiandrogenic | 1 |
| Antiangiogenic | 2 |
| Antiapoplectic | 1 |
| Antiarrhythmic | 1 |
| Antiarthritic | 1 |
| Antiasthmatic | 1 |
| Antiatherogenic | 1 |
| Antiatherosclerotic | 2 |
| Antibacterial | 7 |
| Anticancer | 2 |
| Anticancer (Breast) | 1 |
| Anticancer (Cervix) | 1 |
| Anticancer (Lung) | 2 |
| Anticancer (Oral) | 1 |
| Anticapillary-Fragility | 1 |
| Anticarcinomic (Breast) | 1 |
| Anticariogenic | 2 |

| Activity | Chemical Count |
|-------------------|-----------------------|
| Anticataract | 2 |
| Anticlastogen | 1 |
| Anticolitic | 1 |
| Anticomplementary | 2 |
| Anticonvulsant | 1 |
| AntiCrohn's | 1 |
| AntiCVI | 1 |
| Anticystitic | 1 |
| Antidementia | 1 |
| Antidepressant | 1 |
| Antidermatitic | 3 |
| Antidiabetic | 2 |
| Antidiarrheic | 1 |
| Antidysenteric | 1 |
| AntiEBV | 2 |
| Antiedemic | 2 |
| Antielastase | 1 |
| Antiencephalitic | 1 |
| Antierythemic | 1 |
| Antiescherichic | 1 |

| Activity | Chemical Count |
|---------------------------|-----------------------|
| Anti-estrogenic | 3 |
| Antifeedant | 4 |
| Antifertility | 1 |
| Antifibrosarcomatic | 1 |
| Antiflu | 1 |
| Antigastric | 2 |
| Antigingivitic | 1 |
| Antiglaucomatic | 1 |
| Antigonadotrophic | 2 |
| Antigonadotropic | 1 |
| AntiGTF | 1 |
| Antihematuric | 1 |
| Antihemorrhoidal | 1 |
| Antihepatotoxic | 3 |
| Antiherpetic | 3 |
| Antihistaminic | 4 |
| AntiHIV | 5 |
| Antihydrophobic | 1 |
| Antihyperlipoproteinaemic | 1 |
| Antihypertensive | 3 |

| Activity | Chemical Count |
|--------------------|-----------------------|
| Antiinflammatory | 6 |
| Antileishmanic | 1 |
| Antileukemic | 3 |
| Antileukotriene | 1 |
| Antilipolytic | 1 |
| Antilipoperoxidant | 1 |
| Antilymphomic | 1 |
| Antimalarial | 2 |
| Antimelanomic | 3 |
| Antimetastatic | 3 |
| Antimutagenic | 7 |
| Antimyocarditic | 1 |
| Antinephritic | 2 |
| Antinitrosaminic | 1 |
| Antinociceptive | 2 |
| Antiophidic | 2 |
| Antioxidant | 8 |
| Antipancreatic | 1 |
| Antiperiodontal | 1 |
| Antiperiodontic | 1 |

| Activity | Chemical Count |
|---------------------|-----------------------|
| Antiperistaltic | 2 |
| Antipermeability | 1 |
| Antiperoxidant | 2 |
| Antipharyngitic | 1 |
| Antiplatelet | 2 |
| Antiplasmodial | 1 |
| Antiplatelet | 1 |
| AntiPMS | 1 |
| Antipodriac | 1 |
| Antipolio | 1 |
| Antiprogestational | 1 |
| Antiproliferant | 3 |
| Antiprostaglandin | 1 |
| Antiprostanoid | 1 |
| Antiprostatadenomic | 1 |
| Antiprostatitic | 2 |
| Antiprotozoal | 1 |
| Antipsoriac | 1 |
| Antipurpuric | 1 |
| Antipyretic | 1 |

| Activity | Chemical Count |
|---------------------|-----------------------|
| Antiradicular | 3 |
| Antirenitic | 1 |
| Antiseptic | 2 |
| Antispasmodic | 3 |
| Antistreptococcic | 1 |
| Antistress | 1 |
| Antisunburn | 1 |
| Antithiamin | 1 |
| Antithrombic | 1 |
| Antithrombogenic | 1 |
| Antithyroid | 2 |
| Antitrypanosomic | 2 |
| Antitumor | 4 |
| Antitumor (Bladder) | 1 |
| Antitumor (Breast) | 3 |
| Antitumor (Cervix) | 1 |
| Antitumor (Colon) | 1 |
| Antitumor (Lung) | 3 |
| Antitumor (Ovary) | 1 |
| Antitumor (Skin) | 2 |

| Activity | Chemical Count |
|----------------------------------|-----------------------|
| Antitumor-Promoter | 4 |
| Antiulcer | 3 |
| Antivaricose | 1 |
| Antiviral | 8 |
| Anxiolytic | 1 |
| Apoptotic | 5 |
| Aromatase-Inhibitor | 1 |
| Artemicide | 1 |
| ATPase-Inhibitor | 1 |
| Bacteristat | 1 |
| Beta-Glucuronidase-Inhibitor | 1 |
| Bradycardiac | 1 |
| Calcium-Antagonist? | 1 |
| Calmodulin-Antagonist | 1 |
| cAMP-Phosphodiesterase-Inhibitor | 2 |
| Cancer-Preventive | 7 |
| Candidicide | 4 |
| Capillariprotective | 2 |
| Carcinogenic | 2 |
| Caspase-8-Inducer | 1 |

| Activity | Chemical Count |
|-------------------------------|-----------------------|
| Catabolic | 2 |
| Chelator | 1 |
| Chemopreventive | 1 |
| Choleretic | 2 |
| CNS-Depressant | 1 |
| COMP-Inhibitor | 1 |
| COMT-Inhibitor | 1 |
| Copper-Chelator | 1 |
| COX-1-Inhibitor | 1 |
| COX-2-Inhibitor | 2 |
| Cyclooxygenase-Inhibitor | 3 |
| Cytochrome-P450-1A1-Inhibitor | 1 |
| Cytochrome-P450-1A2-Inhibitor | 1 |
| Cytoprotective | 1 |
| Cytotoxic | 3 |
| Deiodinase-Inhibitor | 2 |
| Demulcent | 1 |
| Diaphoretic? | 1 |
| Differentiator | 2 |
| Diuretic | 3 |

| Activity | Chemical Count |
|--------------------------------|-----------------------|
| DNA-Protective | 1 |
| Estrogenic | 3 |
| Estrogenic? | 1 |
| Febrifuge | 1 |
| Fungicide | 1 |
| Glucosyl-Transferase-Inhibitor | 2 |
| Gonadotrophic | 1 |
| Hemostat | 2 |
| Hepatomagenic | 2 |
| Hepatoprotective | 4 |
| HIF-1alpha-Inhibitor | 1 |
| HIV-RT-Inhibitor | 1 |
| Hyaluronidase-Inhibitor | 1 |
| Hypocholesterolemic | 3 |
| Hypoglycemic | 3 |
| Hypolipidemic | 1 |
| Hypotensive | 2 |
| ICAM-1-Inhibitor | 1 |
| IKK-Inhibitor | 1 |
| Immunomodulator | 1 |

| Activity | Chemical Count |
|-----------------------------|-----------------------|
| Immunosuppressant | 1 |
| iNOS-Inhibitor | 2 |
| Inotropic | 2 |
| Insecticide | 1 |
| Insectiphile | 1 |
| Insulinogenic | 1 |
| Interleukin-6-Inhibitor | 1 |
| Juvabonal | 2 |
| Larvostat | 3 |
| Lipoxygenase-Inhibitor | 4 |
| MAO-A-Inhibitor | 1 |
| MAO-Inhibitor | 2 |
| MAPK-Inhibitor | 1 |
| Mast-Cell-Stabilizer | 1 |
| Metal-Chelator (Copper) | 1 |
| Metalloproteinase-Inhibitor | 1 |
| MMP-9-Inhibitor | 1 |
| Musculotropic | 1 |
| Mutagenic | 4 |
| Myoprotective | 1 |

| Activity | Chemical Count |
|-----------------------------------|-----------------------|
| Myorelaxant | 2 |
| NADH-Oxidase-Inhibitor | 2 |
| NEP-Inhibitor | 1 |
| Neuroprotective | 1 |
| NF-kB-Inhibitor | 2 |
| NO-Inhibitor | 1 |
| NO-Synthase-Inhibitor | 2 |
| Nodulation-Signal | 1 |
| Ornithine-Decarboxylase-Inhibitor | 3 |
| Oviposition-Stimulant | 1 |
| Oxidase-Inhibitor | 1 |
| P21-Inducer | 1 |
| P450-Inducer | 1 |
| P450-Inhibitor | 1 |
| PAF-Inhibitor | 1 |
| Paramecicide | 1 |
| Pesticide | 8 |
| PGE2-Inhibitor | 1 |
| Phosphodiesterase-Inhibitor | 1 |
| Phospholipase-Inhibitor | 1 |

| Activity | Chemical Count |
|-----------------------------------|-----------------------|
| PKC-Inhibitor | 1 |
| Plasmodicide | 1 |
| Polyamine-Synthesis-Inhibitor | 1 |
| Progestational | 1 |
| Proliferant | 1 |
| Prostaglandin-Synthesis-Inhibitor | 1 |
| Protein-Kinase-C-Inhibitor | 2 |
| Protisticide | 2 |
| Psychotropic | 1 |
| PTK-Inhibitor | 2 |
| Quinone-Reductase-Inducer | 3 |
| Radioprotective | 2 |
| Sedative | 1 |
| Spermicide | 2 |
| Sunscreen | 2 |
| Teratologic | 1 |
| TNF-alpha-Inhibitor | 2 |
| Topoisomerase-I-Inhibitor | 3 |
| Topoisomerase-II-Inhibitor | 4 |
| Tumorigenic | 1 |

| Activity | Chemical Count |
|----------------------------|-----------------------|
| Tyrosinase-Inhibitor | 1 |
| Tyrosine-Kinase-Inhibitor | 2 |
| Ubiquiot | 1 |
| Ulcerogenic | 1 |
| Uterotrophic | 1 |
| Vasodilator | 4 |
| Vasopressor | 1 |
| VEGF-Inhibitor | 2 |
| Xanthine-Oxidase-Inhibitor | 3 |