

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Alpinia galanga*

| Activity | Chemical Count |
|-------------------|-----------------------|
| Pesticide | 26 |
| Cancer-Preventive | 18 |
| FLavor | 18 |
| Antiulcer | 16 |
| Insectifuge | 16 |
| Antioxidant | 14 |
| Perfumery | 14 |
| Antispasmodic | 13 |
| Antibacterial | 13 |
| Antiinflammatory | 12 |
| Irritant | 12 |
| Antiseptic | 11 |
| Fungicide | 11 |
| Sedative | 11 |
| Nematicide | 11 |
| Antiviral | 10 |
| Antifeedant | 10 |
| Herbicide | 9 |
| Analgesic | 9 |
| Allergenic | 9 |
| Expectorant | 8 |
| Antitumor | 8 |
| Antimutagenic | 8 |
| Essential | 8 |
| Insecticide | 7 |
| Vasodilator | 6 |
| Myorelaxant | 6 |

| Activity | Chemical Count |
|--------------------------|----------------|
| Transdermal | 6 |
| Antiacetylcholinesterase | 6 |
| Antiparkinsonian | 6 |
| Antiencephalopathic | 6 |
| Antiallergic | 6 |
| Allelopathic | 5 |
| Diuretic | 5 |
| Antihypertensive | 5 |
| Allelochemic | 5 |
| Acaricide | 5 |
| Hypotensive | 5 |
| Antirheumatic | 5 |
| Antiacne | 5 |
| Anticataract | 5 |
| Antidepressant | 4 |
| Antiasthmatic | 4 |
| Antimigraine | 4 |
| Spasmogenic | 4 |
| Hypocholesterolemic | 4 |
| Antiobesity | 4 |
| Antiedemic | 4 |
| Hepatoprotective | 4 |
| Antidementia | 4 |
| Anesthetic | 4 |
| AntiLyme | 4 |
| Trichomonicide | 4 |
| Antiherpetic | 4 |

| Activity | Chemical Count |
|----------------------------|----------------|
| Antistaphylococcic | 4 |
| Anticonvulsant | 4 |
| Aldose-Reductase-Inhibitor | 4 |
| Candidicide | 4 |
| ACE-Inhibitor | 3 |
| Hypothermic | 3 |
| (-)-Chronotropic | 3 |
| Choleretic | 3 |
| Anticancer | 3 |
| Calcium-Antagonist | 3 |
| Antiflu | 3 |
| Antidecubitic | 3 |
| Neurotoxic | 3 |
| Antimenopausal | 3 |
| Antihistaminic | 3 |
| Hypoglycemic | 3 |
| Antialzheimeran | 3 |
| Cardioprotective | 3 |
| Antigastritic | 3 |
| P450-2B1-Inhibitor | 3 |
| Antistress | 3 |
| Antiarthritic | 3 |
| CNS-Stimulant | 3 |
| Vulnerary | 3 |
| Anxiolytic | 3 |
| Anticervicaldysplasic | 3 |
| Antihangover | 3 |

| Activity | Chemical Count |
|------------------------------|----------------|
| Anticariogenic | 3 |
| Chemopreventive | 3 |
| Prooxidant | 3 |
| Antiradicular | 3 |
| Tranquilizer | 3 |
| Antipellagic | 3 |
| (-)-Inotropic | 3 |
| Antirhinoviral | 3 |
| Antilithic | 3 |
| Monoamine-Precursor | 3 |
| Laxative | 3 |
| Antidiabetic | 3 |
| Antineuralgic | 3 |
| Antifatigue | 3 |
| Immunostimulant | 3 |
| CNS-Depressant | 3 |
| Motor-Depressant | 3 |
| Antiosteoporotic | 3 |
| Carminative | 3 |
| Antipyretic | 3 |
| P450-Inducer | 2 |
| Antipneumonic | 2 |
| Angiotensin-Receptor-Blocker | 2 |
| Topoisomerase-I-Inhibitor | 2 |
| Convulsant | 2 |
| Antiphenylketonuric | 2 |
| Antiinfertility | 2 |

| Activity | Chemical Count |
|-----------------------------------|----------------|
| Antisickling | 2 |
| Antirhinitic | 2 |
| Antilymphomic | 2 |
| Uricosuric | 2 |
| Prostaglandin-Synthesis-Inhibitor | 2 |
| AntiRaynaud's | 2 |
| Antiaging | 2 |
| Antitumor (Stomach) | 2 |
| Carcinogenic | 2 |
| Antipruritic | 2 |
| Antidote (Aluminum) | 2 |
| Antitumor (Colon) | 2 |
| Larvicide | 2 |
| Antipoliomyelitic | 2 |
| Counterirritant | 2 |
| Oxidant | 2 |
| Antiperiodontic | 2 |
| Immunomodulator | 2 |
| Apoptotic | 2 |
| Antisalmonella | 2 |
| Hypnotic | 2 |
| Tumor-Promoter | 2 |
| Mosquitofuge | 2 |
| Antitumor (Lung) | 2 |
| Cytotoxic | 2 |
| Antiproliferant | 2 |
| Antiinsomniac | 2 |

| Activity | Chemical Count |
|-------------------------|----------------|
| Interleukin-6-Inhibitor | 2 |
| COX-2-Inhibitor | 2 |
| AntiPMS | 2 |
| Stomachic | 2 |
| Antiepileptic | 2 |
| Antianxiety | 2 |
| Emetic | 2 |
| Anticlimacteric | 2 |
| Serotonergic | 2 |
| Detoxicant | 2 |
| Antidote (Lead) | 2 |
| Antiaggregant | 2 |
| Antitumor (Prostate) | 2 |
| Antinociceptive | 2 |
| Antibronchitic | 2 |
| Candidostat | 2 |
| Antiprostatic | 2 |
| Antithromboxane | 2 |
| Antiatherosclerotic | 2 |
| Antiphotophobic | 2 |
| Termiticide | 2 |
| Insect-Repellent | 2 |
| Anticheilitic | 2 |
| Rubefacient | 2 |
| Antimaculitic | 2 |
| Antieczemic | 2 |
| Antioxidant? | 2 |

| Activity | Chemical Count |
|-----------------------------------|----------------|
| Quinone-Reductase-Inducer | 2 |
| Antitussive | 2 |
| Anticancer | 2 |
| Antinitrosaminic | 2 |
| Gastroprotective | 2 |
| COX-1-Inhibitor | 2 |
| NO-Genic | 2 |
| Aromatase-Inhibitor | 2 |
| Antihepatic | 2 |
| Decongestant | 2 |
| Antiprostaglandin | 2 |
| Antitumor (Breast) | 2 |
| Bronchoprotectant | 1 |
| Fungiphilic | 1 |
| Antisyndrome-X | 1 |
| Insulinase-Inhibitor | 1 |
| Antimyocarditic | 1 |
| Antifibrositic | 1 |
| Ornithine-Decarboxylase-Inhibitor | 1 |
| AntiCrohn's | 1 |
| Surfactant | 1 |
| Inhalant | 1 |
| CNS-Toxic | 1 |
| Antiescherichic | 1 |
| Antiarabiflavinotic | 1 |
| Bacteriostatic | 1 |
| Antiparotitic | 1 |

| Activity | Chemical Count |
|------------------------|----------------|
| Emollient | 1 |
| Antihyperkeratotic | 1 |
| Anticold | 1 |
| Antiscorbutic | 1 |
| Antimeasles | 1 |
| Antiencephalitic | 1 |
| Antianaphylactic | 1 |
| Aphrodisiac | 1 |
| Neuroinhibitor | 1 |
| Antihepatotoxic | 1 |
| AntiCFS | 1 |
| Roborant | 1 |
| Antidysphagic | 1 |
| Antialkalotic | 1 |
| Mucolytic | 1 |
| Antiheartburn | 1 |
| Anticarpal-Tunnel | 1 |
| Antilipoperoxidant | 1 |
| Antidote (Paracetamol) | 1 |
| Trichomonistat | 1 |
| Lithogenic | 1 |
| Deliriant | 1 |
| Photosensitizer | 1 |
| Gram(-)-icide | 1 |
| Antikeratotic | 1 |
| Antiacrodynic | 1 |
| Antineuropathic | 1 |

| Activity | Chemical Count |
|----------------------------------|----------------|
| Cytochrome-P450-Inducer | 1 |
| Antiglaucomic | 1 |
| Antibacillary | 1 |
| Perfume | 1 |
| GABA-nergic | 1 |
| Antidermatitic | 1 |
| Anti-5-HT | 1 |
| Antitic | 1 |
| Interferon-Synergist | 1 |
| Antinesidioblastosic | 1 |
| Antipityriasic | 1 |
| Fistula-Preventive | 1 |
| Termitifuge | 1 |
| Antimitotic | 1 |
| Coleoptophile | 1 |
| Antiastrogenic | 1 |
| Antiarrhythmic | 1 |
| Beta-Adrenergic Receptor Blocker | 1 |
| Enterorelaxant | 1 |
| Anticolitic | 1 |
| Acidulant | 1 |
| Spermigenic | 1 |
| Circulotonic | 1 |
| Antiencephalopathic? | 1 |
| Verrucolytic | 1 |
| Antianginal | 1 |
| Ecboic | 1 |

| Activity | Chemical Count |
|-------------------------|----------------|
| Antichilblain | 1 |
| Abortifacient | 1 |
| Secretagogue | 1 |
| Antimange | 1 |
| Urine-Acidifier | 1 |
| Antixerophthalmic | 1 |
| Antiozenic | 1 |
| Antihemorrhagic | 1 |
| Anticatarrh | 1 |
| Renoirritant | 1 |
| Antiretinotic | 1 |
| Antilithic? | 1 |
| Antidysenteric | 1 |
| Antialcoholic | 1 |
| Antiosteoarthritic | 1 |
| Deodorant | 1 |
| Antiglutamaergic | 1 |
| Anticarcinomic | 1 |
| Poultice | 1 |
| Antipsychotic | 1 |
| Antileptic | 1 |
| Antidote (Hypoglycin-A) | 1 |
| Antiadenomic | 1 |
| Lipolytic | 1 |
| Antinitrosating | 1 |
| Peristaltic | 1 |
| Gastrostimulant | 1 |

| Activity | Chemical Count |
|------------------------------|----------------|
| Antidiabetic? | 1 |
| Antineuramidase | 1 |
| Beta-Glucuronidase-Inhibitor | 1 |
| Thymoprotective | 1 |
| Insectiphile | 1 |
| Colorant | 1 |
| Occuloirritant | 1 |
| Antipharyngitic | 1 |
| Antiimpotence | 1 |
| Anticoronary | 1 |
| Antishock | 1 |
| Inflammatory | 1 |
| Antimetastatic (Stomach) | 1 |
| Asthma-preventive | 1 |
| Antihyperammonemic | 1 |
| Antiscoliotic | 1 |
| Antimastitic | 1 |
| Antiemetic? | 1 |
| Varroacide | 1 |
| Antiamblyopic | 1 |
| Neuroexcitant | 1 |
| Antihepatotic | 1 |
| Respirastimulant | 1 |
| Hypoarginanemic | 1 |
| Antidyspeptic | 1 |
| Ulcerogenic | 1 |
| Antialkali? | 1 |

| Activity | Chemical Count |
|--------------------------|----------------|
| Antivertigo | 1 |
| Mucogenic | 1 |
| Antiotitic | 1 |
| Hepatotoxic | 1 |
| Antileukoplakic | 1 |
| Lipoxygenase-Inhibitor | 1 |
| Degranulant | 1 |
| Phagocytotic | 1 |
| Gram(+)-icide | 1 |
| Antikeratitic | 1 |
| Antidote (Acetaminophen) | 1 |
| Antitumor (CNS) | 1 |
| Juvabional | 1 |
| Antineuritic | 1 |
| Cyclooxygenase-Inhibitor | 1 |
| Antigingivitic | 1 |
| Bronchorelaxant | 1 |
| Pediculicide | 1 |
| Antipodriac | 1 |
| Fungistat | 1 |
| Antidepressant? | 1 |
| Anthelmintic | 1 |
| Insulinotonic | 1 |
| Antinephritic | 1 |
| Cosmetic | 1 |
| Antifibrotic | 1 |
| Osteogenic | 1 |

| Activity | Chemical Count |
|----------------------|----------------|
| Fibrinolytic | 1 |
| AntiCTS | 1 |
| Antisinusitic | 1 |
| Antimite | 1 |
| Cold-preventive | 1 |
| Antiesophagitic | 1 |
| Antiarachidonate | 1 |
| Barbituate-Synergist | 1 |
| Enterocontractant | 1 |
| Antihyperkinetic | 1 |
| Anticolic | 1 |
| AChE-Inhibitor | 1 |
| Spermicide | 1 |
| Antiscotomic | 1 |
| Hypouricemic | 1 |
| AntiMeniere's | 1 |
| Cicatrizant | 1 |
| Vermifuge | 1 |
| Antianemic | 1 |
| Apifuge | 1 |
| Neuroprotective | 1 |
| DNA-Binder | 1 |
| Hypocholesterolemic? | 1 |
| Urinary-Acidulant | 1 |
| Antivertigic | 1 |
| Mutagenic | 1 |
| Antihelicobacter | 1 |

| Activity | Chemical Count |
|---------------------------|----------------|
| Cholesterolytic | 1 |
| Antiretardation | 1 |
| Histaminic | 1 |
| Antidote (Paraquat) | 1 |
| Trypsin-Enhancer | 1 |
| Antiakathisic | 1 |
| Antiorchitic | 1 |
| Dentifrice | 1 |
| Carcinogenic? | 1 |
| Pituitary-Stimulant | 1 |
| Antipsoriac | 1 |
| GST-Inducer | 1 |
| Antilaryngitic | 1 |
| Antidote (Cadmium) | 1 |
| AntiADD | 1 |
| Antitumor (Gastric) | 1 |
| Cytochrome-P450-Inhibitor | 1 |
| Antiglossitic | 1 |
| Antibackache | 1 |
| Calcium-Channel-Blocker | 1 |
| Antiporphyrin | 1 |
| Antiacetylcholine | 1 |
| AntiTNF | 1 |
| Interferonogenic | 1 |
| Antigallstone | 1 |
| Beta-Blocker | 1 |
| Ozone-Scavenger | 1 |

| Activity | Chemical Count |
|----------------------------------|----------------|
| Antiplateque | 1 |
| Antideliriant | 1 |
| Androgenic? | 1 |
| Testosterone-Hydroxylase-Inducer | 1 |
| Antimorphinic | 1 |
| Collagenic | 1 |
| Antiartherosclerotic | 1 |
| Antiperoxidant | 1 |
| Epileptigenic | 1 |
| Antiichthyotic | 1 |
| Stimulant | 1 |
| Antishingles | 1 |
| Antimenorrhagic | 1 |
| Antiendometriotic | 1 |
| Vibriocide | 1 |
| Antianorectic | 1 |
| Edemagenic | 1 |
| Antihyperactivity | 1 |
| Anticholinesterase | 1 |
| Absorbent | 1 |
| Antisarcoma | 1 |
| Hypolipidemic | 1 |
| Antimanic | 1 |
| Antiemetic | 1 |
| Urine-Deodorant | 1 |
| Antialzheimeran? | 1 |
| Antiyeast | 1 |

| Activity | Chemical Count |
|----------------------|----------------|
| Antipapillomic | 1 |
| Anticephalagic | 1 |
| Respirainhibitor | 1 |
| Antirheumatalgic | 1 |
| Hypoammonemic | 1 |
| Antilupus | 1 |
| Antidyskinetic | 1 |
| Ubiquiot | 1 |
| Antialdosteronic | 1 |
| Antiuremic | 1 |
| Dermatitigenic | 1 |
| Antihalitotic | 1 |
| Anticardiospasmic | 1 |
| Prolactinogenic | 1 |
| Hepatotonic | 1 |
| Antileukemic | 1 |
| Antidote (Iodine) | 1 |
| Tremorigenic | 1 |
| AntiAGE | 1 |
| Antitumor (Pancreas) | 1 |
| Lipotropic | 1 |
| Antinitrosic | 1 |
| Antiberiberi | 1 |
| Glutathionigenic | 1 |
| Antiinsomnic | 1 |
| Antidiarrheic | 1 |
| Antiacid | 1 |

| Activity | Chemical Count |
|------------------|----------------|
| Antineurasthenic | 1 |
| Culicide | 1 |
| Antigenotoxic | 1 |