

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Alpinia officinarum***

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	2
Absorbent	1
Acaricide	5
AChE-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	2
Allelopathic	5
Allergenic	7
Analgesic	5
Anesthetic	5
Anthelmintic	3
Antiacetylcholinesterase	6
Antiacne	3
Antiadenomic	1

Activity	Chemical Count
Antiaflatoxin	2
Antiaggregant	3
Antiaging	1
Antialcoholic	1
Antiallergic	6
Antialzheimeran	1
Antialzheimeran?	1
Antianaphylactic	2
Antianemic	1
Antiangiogenic	1
Antiarachidonate	1
Antiarthritic	2
Antiasthmatic	3
Antiatherosclerotic	1
Antibacillary	1
Antibacterial	13
Antibronchitic	2
Anticancer	3
Anticancer (Cervix)	1
Anticarcinomic (Breast)	1

Activity	Chemical Count
Anticariogenic	7
Anticataract	1
Anticatarrh	2
Anticholinesterase	2
Anticolic	1
Anticolitic	1
Anticomplementary	1
Anticonvulsant	2
AntiCrohn's	1
Anticystitic	1
Antidepressant	1
Antidermatitic	1
Antidiabetic	2
Antidiarrheic	2
Antidiscotic	1
Antidote (Iodine)	1
Antidysenteric	2
Antidyskinetic	1
Antiedemic	2
Antielastase	1

Activity	Chemical Count
Antiemetic	1
Antiencephalitic	1
Antiepileptic	1
Antiescherichic	1
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	2
Antifeedant	4
Antifertility	1
Antifibrosarcomic	1
Antifibrositic	1
Antiflu	3
Antigastric	1
Antigenotoxic	1
Antigingivitic	2
Antigliomic	1
Antiglutamaergic	1
Antigonadotropic	1
AntiGTF	1
Antihalitotic	2

Activity	Chemical Count
Antihepatotoxic	2
Antiherpetic	3
Antihistaminic	5
AntiHIV	2
Antihydrophobic	1
Antihypertensive	2
Antiimplantation	1
Antiinflammatory	11
Antikeratotic	1
Antilaryngitic	2
Antileishmanic	1
Antileukemic	3
Antileukotriene	1
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	1
Antilithic?	1
Antilymphocytic	1
Antilymphomic	2
Antimalarial	1

Activity	Chemical Count
Antimange	1
Antimelanomic	1
Antimetastatic	1
Antimetastatic (Stomach)	1
Antimite	1
Antimitotic	1
Antimutagenic	8
Antimyocarditic	1
Antinephritic	1
Antinesidioblastosic	1
Antineuralgic	1
Antinitrosaminic	1
Antinitrosating	1
Antinociceptive	3
Antiobesity	1
Antiophidic	1
Antiosteoporotic	2
Antiosteosclerotic	1
Antiototic	1
Antioxidant	9

Activity	Chemical Count
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	2
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	3
Antiplatelet	5
Antiplasmodial	1
AntiPMS	2
Antipodriac	1
Antipolio	1
Antiproliferant	2
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatitic	1
Antipruritic	1
Antipsoriac	1
Antipyretic	1
Antiradicular	4

Activity	Chemical Count
Antirenitic	1
Antirheumatalgic	1
Antirheumatic	2
Antirhinitic	2
Antisalmonella	1
Antiseptic	10
Antiserotonin	1
Antishock	1
Antisinusitic	2
Antispasmodic	11
Antistaphylococcic	4
Antistreptococcic	2
Antisyndrome-X	1
Antithiamin	1
Antithrombic	1
Antithromboxane	1
AntiTNF	1
Antitrypanosomic	1
Antitumor	5
Antitumor (Bladder)	1

Activity	Chemical Count
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	2
Antitumor (Lung)	1
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antitussive	3
Antiulcer	7
Antiviral	8
Apifuge	1
Apoptotic	4
Aromatase-Inhibitor	3
ATPase-Inhibitor	1
Bacteriostatic	1
Bacteristat	1
Barbituate-Synergist	1

Activity	Chemical Count
Bradycardiac	1
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	10
Candidicide	5
Candidistat	2
Capillariprotective	1
Carcinogenic	5
Carcinogenic?	1
Carminative	3
Catabolic	1
Chelator	1
Chemopreventive	1
Choleretic	4
Cholesterolytic	1
CNS-Depressant	2
CNS-Stimulant	3

Activity	Chemical Count
COMT-Inhibitor	1
Convulsant	3
Copper-Chelator	2
Cosmetic	1
Counterirritant	3
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Culicide	1
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	3
Cytochrome-P450-Inhibitor	1
Cytotoxic	4
Decongestant	3
Degranulant	2
Deiodinase-Inhibitor	1
Deliriant	1
Dentifrice	2
Dermatitigenic	1
Detoxicant	1

Activity	Chemical Count
Diaphoretic?	2
Differentiator	1
Diuretic	2
Ecbolic	1
Edemagenic	2
Emetic	1
Emollient	1
Enterocontractant	1
Enterorelaxant	1
Epileptigenic	1
Estrogenic	2
Expectorant	6
FLavor	10
Fungicide	9
Fungiphilic	1
Fungistat	1
GABA-nergic	1
Gastroprotective	2
Glucosyl-Transferase-Inhibitor	2
Gram(+)icide	2

Activity	Chemical Count
Gram(-)-icide	2
GST-Inducer	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	5
Hepatotonic	2
Herbicide	8
Histaminic	1
HIV-RT-Inhibitor	2
Hypnotic	1
Hypocholesterolemic?	1
Hypoglycemic	2
Hypotensive	3
Hypothermic	1
ICAM-1-Inhibitor	1
Immunomodulator	1
Immunosuppressant	1
Inflammatory	2
iNOS-Inhibitor	2
Inotropic	2

Activity	Chemical Count
Insect-Repellent	1
Insecticide	4
Insectifuge	10
Insulinogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	9
JNK-Inhibitor	1
Juvabional	2
Larvicide	2
Larvostat	1
Laxative	1
Lipolytic	1
Lipoxygenase-Inhibitor	4
MAO-A-Inhibitor	1
MAO-Inhibitor	3
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1

Activity	Chemical Count
Mosquitofuge	1
Motor-Depressant	2
Mutagenic	3
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	8
NEP-Inhibitor	1
Neuroprotective	2
Neurotoxic	3
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	3
Ozone-Scavenger	1
P450-2B1-Inhibitor	1
P450-Inducer	5
P450-Inhibitor	1

Activity	Chemical Count
PAF-Inhibitor	1
Pediculicide	2
Perfume	2
Perfumery	5
Peristaltic	1
Pesticide	17
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Photosensitizer	1
Plasmodicide	1
Poultice	1
Proliferant	1
Prooxidant	1
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1
Protisticide	1
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	5
Renoirritant	1

Activity	Chemical Count
Respirainhibitor	1
Respirastimulant	1
Rubefacient	3
Secretogogue	2
Sedative	6
Spasmogenic	4
Spermicide	1
Stimulant	1
Surfactant	2
Teratologic	2
Termiticide	1
Termitifuge	1
Testosterone-Hydroxylase-Inducer	2
Testosterone-Inducer	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	2
Transdermal	5
Trichomonicide	5
Trichomonistat	1

Activity	Chemical Count
Trypsin-Enhancer	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ulcerogenic	1
Uterotrophic	1
Varroacide	1
Vasodilator	4
VEGF-Inhibitor	1
Vermifuge	1
Verrucolytic	1
Vibriocide	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	2