

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Kalanchoe pinnata***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	2
Acaricide	1
Acidulant	3
Additive	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	1
Allelopathic	3
Allergenic	3
Alpha-Amylase-Inhibitor	1
Analgesic	5
Androgenic	1
Angiogenic	1
Anorexic	1
Antiadenomic	1
Antiadenoviral	1
Antiaflatoxin	2

Activity	Chemical Count
Antiaggregant	4
Antiaging	2
Antiallergic	3
Antialzheimeran	1
Antianaphylactic	1
Antiandrogenic	1
Antiangiogenic	1
Antiaphthic	1
Antiarrhythmic	1
Antiarthritic	1
Antiasthmatic	1
Antiatherogenic	1
Antiatherosclerotic	3
Antibacterial	10
Anticalculic	1
Anticancer	2
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1

Activity	Chemical Count
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticarcinogenic	2
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	1
Anticlastogen	1
Anticoagulant	1
Anticolitic	1
Anticomplementary	1
AntiCrohn's	1
Anticystitic	1
Antidepressant	2
Antidermatitic	2
Antidiabetic	1
Antidysmenorrheic	1
Antiedemic	4
Antielastase	2
Antiencephalitic	1

Activity	Chemical Count
Antiescherichic	2
Antiestrogenic	3
Antifeedant	3
Antifertility	3
Antifibromyalgic	1
Antifibrosarcomic	1
Antiflu	2
Antigastric	1
Antigingivitic	1
Antigonadotrophic	1
Antigonadotropic	2
AntiGTF	1
Antihemolytic	1
Antihepatoadenomic	1
Antihepatocarcinogenic	1
Antihepatotoxic	4
Antiherpetic	4
Antihistaminic	3
AntiHIV	2
Antihydrophobic	1

Activity	Chemical Count
Antihypercholesterolemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	1
Antihyperthyroid	1
Antiimplantation	1
Antiinflammatory	9
AntiLegionella	1
Antileishmanic	2
Antileukemic	6
Antileukorrhoeic	1
Antileukotriene	2
Antilipoperoxidant	1
Antilymphocytic	1
Antilymphomic	1
Antimalarial	1
Antimelanogenic	1
Antimelanomic	1
Antimetastatic	1
Antimitotic	1
Antimutagenic	7

Activity	Chemical Count
Antimyocarditic	1
Antineoplastic	1
Antinitrosaminic	4
Antinociceptive	3
Antiophidic	2
Antiotitic	1
Antioxidant	10
Antioxidant Synergist	3
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4
Antipharyngitic	1
Antiplateau	2
Antiplasmodial	1
AntiPMS	1
Antipodriac	1
Antipolio	1

Activity	Chemical Count
Antiprogestational	1
Antiproliferant	2
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	2
Antipsoriac	2
Antipyretic	1
Antiradicular	6
Antisalmonella	1
Antiseborrheic	2
Antisecretory	1
Antiseptic	6
Antiserotonin	2
Antisickling	1
Antispasmodic	6
Antistaphylococcic	2
Antistomatitic	1
Antistreptococcic	1
Antisunburn	1

Activity	Chemical Count
Antithiamin	2
Antithrombic	2
Antithyroid	1
Antitrypanosomic	1
Antitubercular	2
Antitumor	9
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	2
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Skin)	3
Antitumor-Promoter	4
Antiulcer	5
Antiulcerogenic	1
Antivaccinia	1
Antivaginitic	2

Activity	Chemical Count
Antiviral	5
Antixerotic	1
Anxiolytic	1
Apoptotic	3
Aromatase-Inhibitor	1
Artemicide	1
Arteriodilator	1
ATPase-Inhibitor	1
Bacteristat	2
Bradycardiac	1
Bruchiphobe	2
Calcium-Antagonist	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	9
Candidicide	3
Capillariprotective	1
Carcinogenic	3
Cardiac	1
Caspase-8-Inducer	1

Activity	Chemical Count
Catabolic	1
Chemopreventive	2
Cholagogue	3
Choleretic	4
Clastogenic	1
CNS-Active	1
CNS-Paralytic	1
Co-carcinogenic	1
Collagen-Sparing	1
COMT-Inhibitor	1
Copper-Chelator	2
Cosmetic	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	5
Deiodinase-Inhibitor	1
Demulcent	1
Diaphoretic?	3

Activity	Chemical Count
Differentiator	1
Disinfectant	1
Diuretic	4
DNA-Active	1
DNA-Protective	1
Dye	1
Estrogenic	3
Expectorant	1
Fatal	1
Febrifuge	1
FLavor	3
Fungicide	6
Fungistat	1
Gastroprotective	2
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemopoietic	1
Hemostat	2
Hemostatic	1
Hepatocarcinogenic	1

Activity	Chemical Count
Hepatomagenic	1
Hepatoprotective	7
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	1
HIV-RT-Inhibitor	2
Hydrocholerectic	1
Hypocholesterolemic	2
Hypoglycemic	2
Hypolipidemic	2
Hypotensive	1
ICAM-1-Inhibitor	1
Immunostimulant	2
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	2
Insectifuge	3
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	3

Activity	Chemical Count
JNK-Inhibitor	1
Juvabonal	1
Keratitigenic	1
Keratolytic	1
Larvicide	1
Larvostat	1
Laxative?	2
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	4
Litholytic	1
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mosquitocide	1
Mucolytic	1

Activity	Chemical Count
Mutagenic	2
Mycobactericide	2
NADH-Oxidase-Inhibitor	1
Natriuretic	1
NEP-Inhibitor	1
Neuroprotective	2
NF-kB-Inhibitor	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	3
Osteolytic	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Perfumery	2
Pesticide	11
PGE2-Inhibitor	1
Phagocytotic	1
Phospholipase-Inhibitor	1

Activity	Chemical Count
Phytoalexin	1
Plasmodicide	1
Preservative	1
Proliferant	1
Prooxidant	1
Prostaglandigenic	4
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	1
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Refrigerant	1
Renotoxic	1
Secretagogue	1
Sedative	1
Sialogogue	1
Spermicide	2
Sunscreen	2
Teratologic	2
TNF-alpha-Inhibitor	2

Activity	Chemical Count
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	2
Tumorigenic	2
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Ulcerogenic	2
Uterosedative	1
Uterotrophic	1
Varroacide	1
Vasodilator	2
VEGF-Inhibitor	1
Verrucolytic	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	2