

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Echinacea pallida***

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
Aldose-Reductase-Inhibitor	3
Allelochemic	2
Allergenic	2
Analgesic	4
Androgenic	1
Angiogenic	1
Anorexic	1
Antiacetylcholine	1
Antiacne	1
Antiadenomic	1
Antiaggregant	1
Antiandrogenic	1
Antiasthmatic	1
Antiatherosclerotic	1
Antibacterial	7
Antibronchitic	1

Activity	Chemical Count
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticapillary-Fragility	1
Anticarcinogenic	1
Anticariogenic	1
Antidermatitic	1
Antidiabetic	1
AntiEBV	1
Antiedemic	2
Antiescherichic	1
Antiestrogenic	1
Antifeedant	7
Antifertility	1
Antiflu	3
Antigenotoxic	1

Activity	Chemical Count
Antigonadotrophic	1
Antigonadotrophic	1
Antihemolytic	1
Antihepatotoxic	3
Antiherpetic	1
Antihistaminic	1
AntiHIV	3
AntiHIV-Integrase	2
Antihypercholesterolemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	1
Antihyperthyroid	1
Antiinflammatory	5
AntiLegionella	1
Antileishmanic	1
Antileukemic	2
Antileukotriene	1
Antilymphomic	1
Antimelanogenic	1
Antimutagenic	2

Activity	Chemical Count
Antinitrosaminic	1
Antionychyotic	1
Antiophidic	1
Antiotitic	3
Antioxidant	6
Antiperoxidant	3
Antipolio	2
Antiprogestational	1
Antiproliferant	1
Antiprostaglandin	1
Antiprostatadenomic	1
Antiprostatitic	1
Antipyretic	2
Antiradicular	3
Antisalmonella	1
Antiseptic	3
Antispasmodic	3
Antistaph	2
Antistaphylococcic	2
Antistomatitic	3

Activity	Chemical Count
Antistreptococcic	1
Antisunburn	4
Antithyroid	1
Antitumor	3
Antitumor (Breast)	1
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	1
Antitumor (Skin)	1
Antitumor-Promoter	1
Antiulcer	2
Antiviral	7
Antiyeast	1
Apoptotic	1
Artemicide	1
Attifuge	1
Autotoxic	1
Bacteristat	2

Activity	Chemical Count
Cancer-Preventive	3
Candidicide	3
Cardioprotective	1
Caspase-8-Inducer	1
Chemopreventive	1
Cholagogue	1
Choleretic	3
Clastogenic	1
CNS-Active	1
CNS-Stimulant	2
CNS-Toxic	1
Collagen-Sparing	3
COMT-Inhibitor	1
Cytotoxic	1
Diuretic	1
Emetic	1
Estrogenic	1
Expectorant	1
Febrifuge	1
FLavor	3

Activity	Chemical Count
Fungicide	4
Fungistat	1
Gastroprotective	1
Gonadotrophic	1
Hepatoprotective	3
Herbicide	1
Histamine-Inhibitor	1
Hyaluronidase-Inhibitor	2
Hypertensive	1
Hypocholesterolemic	1
Hypoglycemic	2
Hypolipidemic	1
Immunostimulant	4
Immunosuppressant	1
Inhalant	1
Insect-Repellent	1
Insecticide	1
Insectifuge	5
Interferonogenic	1
Irritant	2

Activity	Chemical Count
Juvabional	1
Larvicide	2
Larvostat	1
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	2
Metal-Chelator	1
Mosquitocide	1
Myorelaxant	2
Nematicide	1
NO-Genic	1
Ornithine-Decarboxylase-Inhibitor	1
Oviposition-Stimulant	1
Perfumery	2
Pesticide	14
Phagocytotic	2
Pheromone	1
Phytoalexin	1
Pigment	1
PKC-Inhibitor	1
Sedative	3

Activity	Chemical Count
Sialogogue	1
Spermicide	1
Sunscreen	1
Sweetener	1
Termitifuge	1
Tranquilizer	1
Ubiquot	1
Ulcerogenic	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	2