

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Centaurea cyanus

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	6
Vulnerary	4
Verrucolytic	1
VEGF-Inhibitor	3
Vasodilator	5
Uterotrophic	2
Uterosedative	2
Uricosuric	1
Ulcerogenic	3
Ubiquit	5
Tyrosine-Kinase-Inhibitor	1
Tyrosinase-Inhibitor	5
Tumorigenic	2
Topoisomerase-II-Inhibitor	3
Topoisomerase-I-Inhibitor	4
TNF-alpha-Inhibitor	4
Tineacide	1
Thermogenic	1
Teratologic	2
Sweetener	1
Sunscreen	5
Succinoxidase-Inhibitor	1
Spermicide	2
Sedative	2
Secretagogue	2
Radioprotective	1
Quinone-Reductase-Inducer	4

Activity	Chemical Count
PTK-Inhibitor	3
Psychotropic	1
Protisticide	2
Protein-Kinase-C-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandigenic	5
Prooxidant	2
Proliferant	2
Progestational	1
Preservative	1
Polyamine-Synthesis-Inhibitor	1
Plasmodicide	1
PKC-Inhibitor	1
Pigment	2
Phytohormonal	1
Phytoalexin	3
Photoactive	1
Phospholipase-Inhibitor	1
Phagocytotic	2
PGE2-Inhibitor	1
Pesticide	24
Perfumery	2
PAF-Inhibitor	1
P450-Inhibitor	1
P450-Inducer	1
P21-Inducer	1

Activity	Chemical Count
Oviposition-Stimulant	1
Osteolytic	1
Ornithine-Decarboxylase-Inhibitor	6
Nodulation-Signal	1
NO-Synthase-Inhibitor	2
NO-Inhibitor	3
NO-Genic	1
NF-kB-Inhibitor	3
Neuroprotective	2
Nephrotoxic	1
NEP-Inhibitor	2
Natriuretic	1
NADH-Oxidase-Inhibitor	2
Myorelaxant	3
Mutagenic	3
Musculotropic	2
Mucolytic	1
MMP-9-Inhibitor	2
Metalloproteinase-Inhibitor	2
Metal-Chelator (Copper)	1
Metal-Chelator	3
Mast-Cell-Stabilizer	1
MAPK-Inhibitor	2
MAO-Inhibitor	5
MAO-A-Inhibitor	1
Lyase-Inhibitor	1
Lipoxygenase-Inhibitor	8

Activity	Chemical Count
Leukotriene-Inhibitor	2
Laxative	1
Larvostat	2
Keratolytic	1
Keratitigenic	1
Juvabional	2
JNK-Inhibitor	1
Irritant	1
Iodothyronine-Deiodinase-Inhibitor	2
Interleukin-6-Inhibitor	1
Interferonogenic	1
Insulinogenic	1
Insectiphile	1
Insectifuge	6
Inotropic	3
iNOS-Inhibitor	4
Immunosuppressant	3
Immunostimulant	4
IKK-Inhibitor	2
ICAM-1-Inhibitor	3
Hypotensive	3
Hypolipidemic	2
Hypoglycemic	5
Hypocholesterolemic	4
Hydrocholerectic	1
Hyaluronidase-Inhibitor	2
HIV-RT-Inhibitor	2

Activity	Chemical Count
Histamine-Inhibitor	2
HIF-1alpha-Inhibitor	1
Herbicide	3
Hepatotropic	2
Hepatotoxic	1
Hepatoprotective	10
Hepatomagenic	1
Hepatocarcinogenic	1
Hemostat	1
Gonadotrophic	1
Glutathione-Depleting	1
Glucosyl-Transferase-Inhibitor	2
Fungistat	1
Fungicide	13
FLavor	1
Febrifuge	1
Expectorant	2
Estrogenic	5
Encephalopathic	1
Emetic	2
DNA-Protective	2
DNA-Active	1
Diuretic	5
Differentiator	3
Diaphoretic?	3
Dermatitigenic	1
Demulcent	1

Activity	Chemical Count
Deiodinase-Inhibitor	3
Cytotoxic	8
Cytoprotective	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-1A1-Inhibitor	1
Cyclooxygenase-Inhibitor	5
COX-2-Inhibitor	5
COX-1-Inhibitor	1
Counterirritant	1
Copper-Chelator	2
COMT-Inhibitor	2
Comedolytic	1
Collagen-Sparing	2
Co-carcinogenic	1
CNS-Stimulant	2
CNS-Depressant	2
CNS-Active	2
Clastogenic	2
Choleretic	12
Cholagogue	4
Chemopreventive	5
Chelator	1
Catabolic	1
Caspase-8-Inducer	1
Cardioprotective	2
Cardiac	1
Carcinogenic	5

Activity	Chemical Count
Capillariprotective	1
Candidicide	5
Cancer-Preventive	19
cAMP-Phosphodiesterase-Inhibitor	2
Calmodulin-Antagonist	1
Calcium-Antagonist?	1
Calcium-Antagonist	3
Bronchorelaxant	1
Bradycardiac	1
Beta-Glucuronidase-Inhibitor	2
Bacteristat	1
Autotoxic	1
ATPase-Inhibitor	1
Ascaricide	1
Arteriodilator	1
Artemicide	1
Aromatase-Inhibitor	3
Apoptotic	7
Aphidifuge	1
Anxiolytic	2
Antiyeast	1
Antiviral	12
Antivaginitic	2
Antivaccinia	1
Antiulcerogenic	1
Antiulcer	4
Antitympanitic	1

Activity	Chemical Count
Antitussive	2
Antitumor-Promoter	7
Antitumor (Thyroid)	1
Antitumor (Stomach)	1
Antitumor (Skin)	7
Antitumor (Pancreas)	1
Antitumor (Ovary)	2
Antitumor (Mouth)	1
Antitumor (Lung)	4
Antitumor (Liver)	2
Antitumor (Kidney)	1
Antitumor (Forestomach)	2
Antitumor (Colon)	5
Antitumor (Cervix)	1
Antitumor (Breast)	3
Antitumor (brain)	1
Antitumor (Bladder)	1
Antitumor	14
Antitrypanosomic	1
Antithyroid	3
Antithrombic	2
Antithiamin	2
Antisunburn	2
Antistress	1
Antistreptococcic	1
Antistomatitic	1
Antistaphylococcic	3

Activity	Chemical Count
Antispasmodic	12
Antisilicotic	1
Antisickling	2
Antiserotonin	2
Antiseptic	11
Antiseborrheic	1
Antisalmonella	2
Antirheumatic	1
Antirenitic	1
Antiradicular	11
Antipyretic	3
Antipsoriac	2
Antiprostatic	2
Antiprostataadenomic	1
Antiprostanoid	1
Antiprostaglandin	4
Antiproliferant	5
Antiprogestational	1
Antipolio	4
Antipodriac	1
Antipodagric	1
AntiPMS	1
Antiplasmodial	1
Antiplateque	2
Antipharyngitic	1
Antiperoxidant	8
Antipermeability	1

Activity	Chemical Count
Antiperistaltic	2
Antiperiodontic	1
Antiperiodontal	1
Antiperiodic	1
Antipancreatic	1
Antioxidant	19
Antiotitic	2
Antiophidic	4
Antioncychomycotic	1
Antinociceptive	2
Antinitrosaminic	5
Antineuralgic	1
Antinephritic	1
Antineoplastic	1
Antimyocarditic	1
Antimutagenic	14
Antimitotic	2
Antimetastatic	2
Antimenorrhagic	1
Antimelanomic	3
Antimelanogenic	3
Antimalarial	1
Antilymphomic	2
Antilymphocytic	1
Antilipoperoxidant	1
Antilipolytic	1
Antileukotrienogenic	1

Activity	Chemical Count
Antileukotriene	3
Antileukemic	10
Antileishmanic	1
AntiLegionella	3
Antiischemic	1
Antiinflammatory	16
Antiimplantation	1
Antiichthyosic	1
Antihyperthyroid	2
Antihypertensive	2
Antihyperlipoproteinaemic	1
Antihypercholesterolemic	2
Antihydrophobic	1
AntiHIV	6
Antihistaminic	8
Antiherpetic	9
Antihepatotoxic	9
Antihepatoadenomic	1
Antihemolytic	2
AntiGTF	1
Antigonadotropic	3
Antigonadotrophic	1
Antigingivitic	1
Antigenotoxic	1
Antigastric	1
Antiflu	2
Antifibrosarcomic	1

Activity	Chemical Count
Antifertility	3
Antifeedant	7
Antifatigue	1
Antiandrogenic	5
Antiescherichic	2
Antiencephalitic	1
Antielastase	2
Antiedemic	4
Antieczemic	1
AntiEBV	1
Antidysmenorrheic	1
Antidysenteric	1
Antidiarrheic	1
Antidiabetic	2
Antidermatotic	1
Antidermatitic	2
Antidermatic	1
Antidepressant	2
Antidandruff	1
Anticystitic	1
AntiCrohn's	1
Anticomplementary	3
Anticolitic	1
Anticlastogen	2
Anticholinergic	1
Anticheilitic	1
Anticataract	2

Activity	Chemical Count
Anticariogenic	2
Anticarcinomic (Breast)	1
Anticarcinomic	1
Anticarcinogenic	4
Anticapillary-Fragility	2
Anticanker	1
Anticancer (Skin)	2
Anticancer (Lung)	2
Anticancer (Liver)	2
Anticancer (Forestomach)	2
Anticancer (Colon)	2
Anticancer (Cervix)	1
Anticancer (Breast)	1
Anticancer	4
Antibronchoconstrictor	1
Antibradycardic	1
Antibiotic	1
Antibacterial	20
Antiatherosclerotic	2
Antiatherogenic	2
Antiasthmatic	3
Antiarthritic	2
Antiarrhythmic	5
Antiangiogenic	3
Antianemic	1
Antiandrogenic	1
Antianaphylactic	1

Activity	Chemical Count
Antialzheimeran	1
Antiallergic	5
Antiakathisic	1
Antiaging	3
Antiaggregant	8
Antiaflatoxin	4
Antiadrenergic	1
Antiadenoviral	1
Antiadenomic	1
AntiADD	1
Anthelmintic	2
Anorexic	1
Angiogenic	1
Anesthetic	2
Androgenic	1
Analgesic	6
Alpha-Glucosidase-Inhibitor	1
Allergenic	5
Allelopathic	4
Allelochemic	4
Aldose-Reductase-Inhibitor	13
Aldehyde-Oxidase-Inhibitor	1
Acidulant	1
5-Lipoxygenase-Inhibitor	2
11B-HSD-Inhibitor	3