

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

Activity	Chemical Count
Pesticide	24
Antibacterial	20
Cancer-Preventive	19
Antioxidant	19
Antiinflammatory	16
Antitumor	14
Antimutagenic	14
Fungicide	13
Aldose-Reductase-Inhibitor	13
Choleretic	12
Antiviral	12
Antispasmodic	12
Antiseptic	11
Antiradicular	11
Hepatoprotective	10
Antileukemic	10
Antihepatotoxic	9
Antiherpetic	9
Antiaggregant	8
Cytotoxic	8
Antihistaminic	8
Lipoxygenase-Inhibitor	8
Antiperoxidant	8
Antifeedant	7
Antitumor-Promoter	7
Antitumor (Skin)	7
Apoptotic	7

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	6
Insectifuge	6
Analgesic	6
Ornithine-Decarboxylase-Inhibitor	6
AntiHIV	6
Antiallergic	5
Chemopreventive	5
Candidicide	5
Sunscreen	5
Antiproliferant	5
COX-2-Inhibitor	5
MAO-Inhibitor	5
Carcinogenic	5
Allergenic	5
Antiarrhythmic	5
Prostaglandigenic	5
Tyrosinase-Inhibitor	5
Antitumor (Colon)	5
Antinitrosaminic	5
Vasodilator	5
Ubiquit	5
Estrogenic	5
Antiestrogenic	5
Diuretic	5
Hypoglycemic	5
Cyclooxygenase-Inhibitor	5
Antiulcer	4

Activity	Chemical Count
Antitumor (Lung)	4
Antipolio	4
iNOS-Inhibitor	4
TNF-alpha-Inhibitor	4
Allelochemic	4
Hypocholesterolemic	4
Antiedemic	4
Antiophidic	4
Vulnerary	4
Antiaflatoxin	4
Cholagogue	4
Quinone-Reductase-Inducer	4
Anticarcinogenic	4
Topoisomerase-I-Inhibitor	4
Anticancer	4
Immunostimulant	4
Allelopathic	4
Antiprostaglandin	4
Hypotensive	3
NO-Inhibitor	3
PTK-Inhibitor	3
Anticomplementary	3
Prostaglandin-Synthesis-Inhibitor	3
Metal-Chelator	3
Differentiator	3
Calcium-Antagonist	3
11B-HSD-Inhibitor	3

Activity	Chemical Count
Protein-Kinase-C-Inhibitor	3
Myorelaxant	3
Aromatase-Inhibitor	3
VEGF-Inhibitor	3
Antimelanomic	3
Ulcerogenic	3
Antistaphylococcic	3
Topoisomerase-II-Inhibitor	3
Antitumor (Breast)	3
Antithyroid	3
Immunosuppressant	3
Phytoalexin	3
Antifertility	3
Antileukotriene	3
Diaphoretic?	3
ICAM-1-Inhibitor	3
Antiasthmatic	3
Herbicide	3
Inotropic	3
Antiaging	3
Mutagenic	3
Antigonadotropic	3
Antimelanogenic	3
AntiLegionella	3
Antipyretic	3
Deiodinase-Inhibitor	3
Antiangiogenic	3

Activity	Chemical Count
NF-kB-Inhibitor	3
Antithrombic	2
NADH-Oxidase-Inhibitor	2
Anticlastogen	2
Prooxidant	2
Antihemolytic	2
COMT-Inhibitor	2
MMP-9-Inhibitor	2
CNS-Depressant	2
Anticancer (Skin)	2
Tumorigenic	2
Antiserotonin	2
MAPK-Inhibitor	2
DNA-Protective	2
Perfumery	2
Antiplateque	2
Antielastase	2
Leukotriene-Inhibitor	2
cAMP-Phosphodiesterase-Inhibitor	2
Spermicide	2
Juvabional	2
Antihypercholesterolemic	2
Antiarthritic	2
Antiotitic	2
Hyaluronidase-Inhibitor	2
NEP-Inhibitor	2
Hepatotropic	2

Activity	Chemical Count
Musculotropic	2
Antimitotic	2
Anticataract	2
Uterotrophic	2
Anticapillary-Fragility	2
Anticancer (Forestomach)	2
Antiescherichic	2
Antisalmonella	2
Antitumor (Ovary)	2
IKK-Inhibitor	2
Antipsoriac	2
Antihypertensive	2
Antiatherogenic	2
Antitumor (Forestomach)	2
Iodothyronine-Deiodinase-Inhibitor	2
Neuroprotective	2
Antinociceptive	2
Antithiamin	2
Proliferant	2
Glucosyl-Transferase-Inhibitor	2
CNS-Active	2
Metalloproteinase-Inhibitor	2
Expectorant	2
Anticancer (Lung)	2
Teratologic	2
Antitumor (Liver)	2
Hypolipidemic	2

Activity	Chemical Count
Sedative	2
HIV-RT-Inhibitor	2
Antidepressant	2
Beta-Glucuronidase-Inhibitor	2
Copper-Chelator	2
Antimetastatic	2
Anticariogenic	2
Anxiolytic	2
CNS-Stimulant	2
Uterosedative	2
Antilymphomic	2
Anthelmintic	2
Antisickling	2
Emetic	2
Anticancer (Colon)	2
Cardioprotective	2
Antiperistaltic	2
Antiprostatic	2
NO-Synthase-Inhibitor	2
Antidermatitic	2
Antisunburn	2
Collagen-Sparing	2
Antivaginitic	2
Pigment	2
Antiflu	2
Clastogenic	2
Anticancer (Liver)	2

Activity	Chemical Count
Antitussive	2
Phagocytotic	2
Anesthetic	2
Larvostat	2
Antihyperthyroid	2
Antiatherosclerotic	2
Antidiabetic	2
Secretagogue	2
5-Lipoxygenase-Inhibitor	2
Histamine-Inhibitor	2
Protisticide	2
Antineoplastic	1
Artemicide	1
Verrucolytic	1
Antistomatitic	1
Antimenorrhagic	1
Glutathione-Depleting	1
Anticarcinomic (Breast)	1
Antiyeast	1
Plasmodicide	1
Antigenotoxic	1
Uricosuric	1
Antiadrenergic	1
Antilymphocytic	1
Febrifuge	1
Photoactive	1
Anorexic	1

Activity	Chemical Count
Anticancer (Cervix)	1
Antitumor (Stomach)	1
Cardiac	1
Thermogenic	1
Alpha-Glucosidase-Inhibitor	1
Antirenitic	1
Antiimplantation	1
Dermatitigenic	1
Antibiotic	1
Oviposition-Stimulant	1
Antiperiodontic	1
Antidysenteric	1
Aldehyde-Oxidase-Inhibitor	1
Antiprostataadenomic	1
Cytochrome-P450-1A2-Inhibitor	1
Antitumor (Cervix)	1
Antidermatic	1
Bradycardiac	1
Interferonogenic	1
Antianaphylactic	1
Antitrypanosomic	1
Antineuralgic	1
Ascaricide	1
Counterirritant	1
Antistress	1
Hemostat	1
Aphidifuge	1

Activity	Chemical Count
Preservative	1
Antigonadotrophic	1
Co-carcinogenic	1
Antimalarial	1
Antivaccinia	1
Phytohormonal	1
Antifibrosarcomic	1
Tyrosine-Kinase-Inhibitor	1
AntiADD	1
Antisilicotic	1
Antileukotrienogenic	1
Encephalopathic	1
PGE2-Inhibitor	1
AntiPMS	1
Caspase-8-Inducer	1
Androgenic	1
Lyase-Inhibitor	1
Antiischemic	1
Antibronchoconstrictor	1
P450-Inducer	1
Antipermeability	1
AntiEBV	1
Keratolytic	1
Nodulation-Signal	1
Antipancratic	1
Antidermatotic	1
Radioprotective	1

Activity	Chemical Count
Antianemic	1
Antitumor (Bladder)	1
HIF-1alpha-Inhibitor	1
Anticystitic	1
Autotoxic	1
Antiakathisic	1
Antimyocarditic	1
Hepatomagenic	1
Anticholinergic	1
AntiGTF	1
Comedolytic	1
Anticarcinomic	1
PKC-Inhibitor	1
Antigastric	1
Antiadenoviral	1
Antilipoperoxidant	1
Antitympanic	1
Phospholipase-Inhibitor	1
Antifatigue	1
Chelator	1
Angiogenic	1
Antileishmanic	1
DNA-Active	1
Anticancer (Breast)	1
PAF-Inhibitor	1
Antipharyngitic	1
Laxative	1

Activity	Chemical Count
Antiichthyosic	1
Demulcent	1
Osteolytic	1
Antiperiodontal	1
Antidiarrheic	1
Calmodulin-Antagonist	1
Acidulant	1
Antiprostanoid	1
JNK-Inhibitor	1
Antihydrophobic	1
Cytochrome-P450-1A1-Inhibitor	1
NO-Genic	1
Psychotropic	1
Antipodriac	1
Insulinogenic	1
Antialzheimeran	1
Natriuretic	1
Antinephritic	1
Hepatotoxic	1
Anticolitic	1
Arteriodilator	1
Antihepatoadenomic	1
Antistreptococcic	1
Mucolytic	1
Gonadotrophic	1
Polyamine-Synthesis-Inhibitor	1
Antigingivitic	1

Activity	Chemical Count
FLavor	1
Anticanker	1
Antiulcerogenic	1
Mast-Cell-Stabilizer	1
Antitumor (Thyroid)	1
Antiplasmodial	1
Antiencephalitic	1
Tineacide	1
Antirheumatic	1
Antibradykinic	1
Antitumor (Mouth)	1
P21-Inducer	1
Antidysmenorrhic	1
Succinoxidase-Inhibitor	1
Keratitigenic	1
Antihyperlipoproteinaemic	1
Cytoprotective	1
Hydrocholerectic	1
Bronchorelaxant	1
Antiprogestational	1
Interleukin-6-Inhibitor	1
COX-1-Inhibitor	1
Antiandrogenic	1
Nephrotoxic	1
AntiCrohn's	1
ATPase-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1

Activity	Chemical Count
Hepatocarcinogenic	1
Anticheilitic	1
Progestational	1
Fungistat	1
Antiadenomic	1
Metal-Chelator (Copper)	1
Antilipolytic	1
Catabolic	1
Antiseborrheic	1
MAO-A-Inhibitor	1
Antitumor (Pancreas)	1
P450-Inhibitor	1
Antieczemic	1
Capillariprotective	1
Sweetener	1
Antitumor (Kidney)	1
Antiperiodic	1
Calcium-Antagonist?	1
Irritant	1
Antitumor (brain)	1
Antioncychomycotic	1
Antidandruff	1
Bacteristat	1
Antipodagric	1
Insectiphile	1