

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Centaurea calcitrapa***

Activity	Chemical Count
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
ACE-Inhibitor	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	4
Allelochemic	2
Allergenic	2
Alpha-Reductase-Inhibitor	1
Analgesic	2
Androgenic	1
Anemiagenic	1
Angiogenic	1
Anorexic	1
Antiacetylcholinesterase	1
Antiacne	1

Activity	Chemical Count
AntiADD	1
Antiadenomic	1
Antiaflatoxin	3
Antiaggregant	5
Antiaging	2
Antiallergic	3
Antialopepic	3
Antialzheimeran	3
Antiamnesic	1
Antiamyloid-Beta	1
Antianaphylactic	2
Antiandrogenic	4
Antiangiogenic	2
Antiapoplectic	1
Antiarrhythmic	1
Antiartherosclerotic	1
Antiarthritic	2
Antiasthmatic	1
Antiatherogenic	1
Antiatheromic	1

Activity	Chemical Count
Antiatherosclerotic	2
Antibacterial	6
Anticancer	2
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	2
Anticapillary-Fragility	1
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	2
Antichoreic	1
Anticirrhotic	1
Anticlastogen	1
Anticolitic	1
Anticolitic?	1
Anticomplementary	2
Anticonvulsant	1
Anticoronary	1
AntiCrohn's	1
AntiCVI	1

Activity	Chemical Count
Anticystinuric	1
Anticystitic	1
Antidementia	2
Antidepressant	1
Antidermatitic	3
Antidiabetic	5
Antidiarrheic	2
Antidyskinetic	1
Antieczemic	1
Antiedemic	3
Antielastase	1
Antiencephalitic	1
Antienteritic	1
Antierythemic	1
Antiescherichic	2
Antiestrogenic	4
Antifebrile	1
Antifeedant	4
Antifertility	1
Antifibrinolytic	2

Activity	Chemical Count
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	1
Antigallstone	1
Antigastric	1
Antigastritic	1
Antiglaucomic	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
AntiGTF	1
Antihematuric	1
Antihemorrhoidal	1
Antihepatotoxic	4
Antiherpetic	4
Antihistaminic	4
AntiHIV	3
Antihomocysteine	1
Antihydrophobic	1
Antihyperlipoproteinaemic	1

Activity	Chemical Count
Antihypertensive	2
Antiinflammatory	8
Antileishmanic	1
Antileukemic	5
Antileukotriene	1
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	1
Antilymphomic	1
Antimalarial	2
Antimanic	1
Antimelanomic	3
Antimenorrhagic	1
Antimetastatic	4
AntiMS	1
Antimutagenic	6
Antimyocarditic	1
Antinephritic	1
Antinitrosaminic	1
Antinociceptive	4

Activity	Chemical Count
Antiobesity	1
Antiobesity?	1
Antiophidic	1
Antiosteoporotic?	1
Antioxidant	7
Antipancreatic	1
Antiperiodontal	1
Antiperistaltic	3
Antipermeability	1
Antiperoxidant	2
Antiperoxidative	1
Antipharyngitic	1
Antiplatelet	1
AntiPMS	1
Antipodriac	1
Antipolio	1
Antiprogestational	1
Antiproliferant	3

Activity	Chemical Count
Antiprostaglandin	1
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	1
Antiradicular	3
Antisindhis	1
Antispasmodic	4
Antistaphylococcic	1
Antisteatotic	1
Antistreptococcic	1
Antistress	1
Antisunburn	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	2

Activity	Chemical Count
Antitrypanosomic	2
Antitumor	4
Antitumor (Bladder)	1
Antitumor (Breast)	3
Antitumor (Cervix)	1
Antitumor (Colon)	2
Antitumor (Lung)	3
Antitumor (Ovary)	1
Antitumor (Prostate)	1
Antitumor (Skin)	2
Antitumor-Promoter	3
Antitussive	1
Antiulcer	5
Antivaricose	1
Antiviral	5
Anxiolytic	1
Aphidifuge	1
Apoptotic	4
Aromatase-Inhibitor	2
Artemicide	1

Activity	Chemical Count
ATPase-Inhibitor	1
Bacteristat	1
Beta-Glucuronidase-Inhibitor	1
Bifidogenic	1
Bradycardiac	1
Calcium-Antagonist?	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	9
Candidicide	3
Capillariprotective	2
Carcinogenic	2
Cardiodepressant	1
Caspase-8-Inducer	1
Catabolic	2
Cerebrotonic	1
Chemopreventive	2
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Choleretic	3

Activity	Chemical Count
Cholinergic	1
CNS-Depressant	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	1
Cosmetic	3
COX-1-Inhibitor	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	2
Decarboxylase-Inhibitor	1
Deiodinase-Inhibitor	2
Demulcent	1
Dermatitigenic	1
Diaphoretic?	1
Differentiator	2

Activity	Chemical Count
Diuretic	1
DNA-Protective	1
Embryotoxic	1
Estrogenic	4
Estrogenic?	1
Expectorant	2
Febrifuge	1
FLavor	3
Fungicide	3
Fungistat	1
Gastroprotective	1
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemolytic	1
Hemostat	3
Hepatomagenic	2
Hepatoprotective	7
HIF-1alpha-Inhibitor	1
HIV-RT-Inhibitor	1

Activity	Chemical Count
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	2
Hypocholesterolemic	7
Hypoglycemic	4
Hypolipidemic	1
Hypotensive	4
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Ileorelaxant	1
Immunomodulator	2
Immunostimulant	2
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	3
Insectiphile	1
Insulinogenic	1
Interleukin-6-Inhibitor	1
Irritant	1
Juvabional	2

Activity	Chemical Count
Larvicide	1
Larvostat	2
Laxative	1
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	2
Lubricant	3
MAO-A-Inhibitor	1
MAO-Inhibitor	1
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mosquitocide	1
Musculotropic	1
Mutagenic	3
Myoprotective	1

Activity	Chemical Count
Myorelaxant	2
NADH-Oxidase-Inhibitor	2
Nematicide	3
NEP-Inhibitor	1
Neuroprotective	2
NF-kB-Inhibitor	2
NO-Inhibitor	1
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	2
PAF-Inhibitor	1
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	2
Peristaltic	1
Pesticide	7

Activity	Chemical Count
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Prebiotic	1
Probiotic	1
Probiotigenic	1
Progestational	1
Proliferant	1
Propepic	4
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	2
Radioprotective	2
Sedative	1
Serotonin-Inhibitor	1
Soap	1

Activity	Chemical Count
Spermicide	1
Sunscreen	2
Suppository	1
Teratogenic	1
Teratologic	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Ulcerogenic	1
Uterotrophic	2
Vasodilator	3
Vasopressor	1
VEGF-Inhibitor	2
Xanthine-Oxidase-Inhibitor	2