

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in Centaurium erythraea**

Activity	Chemical Count
5-Alpha-Reductase-Inhibitor	4
Abortifacient	1
Aldose-Reductase-Inhibitor	3
Allelopathic	4
Allergenic	3
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	5
Androgenic	1
Anemiagenic	1
Angiogenic	1
Anorexic	1
Anthelmintic	1
Antiacne	1
Antiadenomic	1
Antiadenoviral	1
Antiaggregant	2
Antiaging	1
Antiallergic	2
Antialopepic	3
Antianaphylactic	2
Antiandrogenic	4
Antiarrhythmic	3
Antiartherosclerotic	1
Antiarthritic	2
Antiasthmatic	1
Antiatherogenic	1

Activity	Chemical Count
Antiatherosclerotic	1
Antibacillus	1
Antibacterial	11
Anticancer	2
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticarcinogenic	2
Anticarcinomic	1
Anticariogenic	1
Anticlastogen	2
Anticomplement	1
Anticoronary	1
Antidepressant	1
Antidysmenorrhic	1
Antieczemic	1
Antiedemic	7
Antielastase	1
Antiescherichic	2
Antiestrogenic	2
Antifatigue	1
Antifeedant	1
Antifertility	3

Activity	Chemical Count
Antifibrinolytic	2
Antiflu	1
Antigingivitic	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
Antihemolytic	1
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	6
Antiherpetic	3
Antihistaminic	3
AntiHIV	2
Antihypercholesterolemic	1
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihyperthyroid	1
Antiinflammatory	13
Antiischemic	2
AntiLegionella	2
Antileishmanic	1
Antileukemic	7
Antileukotriene	2
Antileukotriene-D4	2
Antilymphomic	1
Antimalarial	2
Antimelanogenic	2

Activity	Chemical Count
Antimeningitic	1
Antimenorrhagic	1
Antimitotic	1
AntiMS	1
Antimutagenic	6
Antineoplastic	1
Antinephritic	1
Antinitrosaminic	3
Antinociceptive	2
Antiophidic	3
Antioxidant	11
Antiperiodontic	1
Antiperoxidant	6
Antiperoxynitrite	1
AntiPGE2	1
Antiplatelet	1
Antiplasmodial	1
Antiprogestational	1
Antiproliferant	1
Antiprostaglandin	2
Antiprostataadenomic	1
Antiprostatic	2
Antipsychotic	1
Antipyretic	1
Antiradicular	6
Antirheumatic	2
Antisarcotic	1

Activity	Chemical Count
Antiseptic	6
Antiserotonin	1
Antishigellic	1
Antisickling	3
Antispasmodic	4
Antistaphylococcic	3
Antistomatitic	1
Antistreptococcic	1
Antisunburn	1
AntiTGF-beta	1
Antithiamin	1
Antithrombic	1
Antithyroid	1
Antitumor	6
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	2
Antitumor (Mouth)	1
Antitumor (Pancreas)	1
Antitumor (Skin)	3
Antitumor-Promoter	3
Antitussive	1
Antiulcer	3

Activity	Chemical Count
Antiulcerogenic	1
Antivaccinia	1
Antiviral	5
Anxiolytic	1
Apertif	1
Apoptotic	2
Aromatase-Inhibitor	1
Artemicide	2
Arteriodilator	1
Ascaricide	1
Ataractic	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Calcium-Antagonist	1
Cancer-Preventive	10
Candidicide	2
Carcinogenic	3
Cardiac	1
Cardioprotective	2
Cardiotonic	1
Caspase-8-Inducer	1
Chemopreventive	3
Cholagogue	2
Choleretic	7
Clastogenic	1
CNS-Active	1
CNS-Paralytic	1

Activity	Chemical Count
CNS-Stimulant	1
Co-carcinogenic	1
Collagen-Sparing	1
Comedolytic	1
Corticosterogenic	1
Cosmetic	1
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	1
Cytoprotective	1
Cytotoxic	3
Dermatitigenic	1
Diaphoretic?	1
Diuretic	2
DNA-Active	1
DNA-Protective	1
Elastase-Inhibitor	1
Emetic	1
Estrogenic	1
Febrifuge	1
FLavor	3
Fungicide	7
Fungistat	1
Gastroprotective	2
Gastrostimulant	1
Glutathione-Depleting	1
Gonadotrophic	1
Hemolytic	1

Activity	Chemical Count
Hepatocarcinogenic	1
Hepatoprotective	11
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	1
Hypocholesterolemic	4
Hypoglycemic	2
Hypolipemic	1
Hypolipidemic	2
Hypotensive	3
Hypothermic	1
Immunomodulator	2
Immunostimulant	3
Immunosuppressant	2
Insectifuge	5
Irritant	1
Larvicide	2
Laxative	1
Leucocytogenic	1
Leukotriene-Inhibitor	1
Lipoxygenase-Inhibitor	2
Lubricant	2
Lyase-Inhibitor	1
Metal-Chelator	2



Activity	Chemical Count
Metastatic	1
Mosquitocide	1
Myorelaxant	2
Nematicide	2
Nephrotoxic	1
Neurotoxic	1
NF-kB-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Pancreatic	1
Percutaneostimulant	1
Perfumery	2
Pesticide	12
Phagocytotic	3
Phytoalexin	1
Piscicide	1
Preservative	1
Prooxidant	1
Propecic	4
Prostaglandigenic	5
Prostaglandin-Synthesis-Inhibitor	3
Secretagogue	2
Sedative	3
Sialogogue	2
Soap	1
Spermicide	1
Sunscreen	2
Suppository	1

Activity	Chemical Count
Topoisomerase-I-Inhibitor	1
Topoisomerase-Inhibitor	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Ubiquit	5
Ulcerogenic	1
Uterosedative	1
Uterotonic	1
Vasopressor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	1