

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Carthamus tinctorius***

<b>Activity</b>	<b>Chemical Count</b>
5-Alpha-Reductase-Inhibitor	4
Absorbent	1
Acaricide	1
ACE-Inhibitor	1
AChE-Inhibitor	1
Acidulant	1
Aldose-Reductase-Inhibitor	3
Allelochemic	2
Allelopathic	1
Allergenic	7
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Analgesic	7
Androgenic?	1
Anemiagenic	1
Anesthetic	2
Angiotensin-Receptor-Blocker	3
Anorexic	2

Activity	Chemical Count
Antiacetylcholinesterase	3
Antiacne	9
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
AntiAGE	2
Antiaggregant	3
Antiaging	3
Antiakathisic	1
Antialcoholic	4
Antiallergic	4
Antialopepic	4
Antialzheimeran	5
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	3
Antianemic	3
Antianginal	3
Antiangiogenic	2

<b>Activity</b>	<b>Chemical Count</b>
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarteriosclerotic	2
Antiarthritic	10
Antiasthmatic	8
Antiatherosclerotic	7
Antibacillary	1
Antibackache	1
Antibacterial	13
Antiberiberi	1
AntiBPH	1
Anticancer	5
Anticanker	3
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	3
Anticarpal-Tunnel	1

<b>Activity</b>	<b>Chemical Count</b>
Anticataract	7
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticonvulsant	3
Anticorneotic	1
Anticoronary	5
AntiCrohn's	2
AntiCRP	1
AntiCTS	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1

<b>Activity</b>	<b>Chemical Count</b>
Antidementia	5
Antidepressant	5
Antidermatitic	2
Antidiabetic	9
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	3
Antiedemic	2
Antiencephalitic	1
Antiencephalopathic	2

<b>Activity</b>	<b>Chemical Count</b>
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antiesophagitic	1
Antiestrogenic	1
Antifatigue	6
Antifeedant	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antiflu	2
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigout	1

<b>Activity</b>	<b>Chemical Count</b>
Antigranular	1
Antihangover	4
Antiheartburn	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatotoxic	2
Antiherpetic	2
Antiherpetic?	1
Antihistaminic	3
AntiHIV	2
Antihydrocoele	1
Antihyperactivity	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	6
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiincontinence	1

<b>Activity</b>	<b>Chemical Count</b>
Antiinfarctal	1
Antiinfective	1
Antiinfertility	3
Antiinflammatory	8
Antiinsomniac	3
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antileishmanic	1
Antilepric	2
Antileukemic	1
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	1
Antileukotriene-D4	2
Antilipoperoxidant	1
Antilithic	3
Antilupus	1
AntiLyme	5



<b>Activity</b>	<b>Chemical Count</b>
Antilymphomic	2
Antimaculitic	5
Antimalarial	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	2
Antimetastatic (Stomach)	1
Antimigraine	4
Antimitral-valve-prolapse	1
AntiMS	3
Antimutagenic	5
Antimyalgic	1
Antimyocarditic	1
Antinephrolytic	1
Antinesidioblastosic	1

<b>Activity</b>	<b>Chemical Count</b>
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	3
Antineurotic	1
AntiNF-kB	1
Antinitrosic	1
Antinociceptive	1
Antinyctalopic	1
Antiobesity	6
Antionychogryphotic	1
Antionychyotic	2
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiotitic	1
Antiototic	1
Antioxidant	12
Antiozenic	1

<b>Activity</b>	<b>Chemical Count</b>
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antipeptic	1
Antiperiodontitic	3
Antiphotophobic	2
Antipityriasic	1
Antiplateque	2
Antiplasmodial	2
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipoliomyelitic	2
Antiporphyrinic	1
Antiprolactin	1
Antiproliferant	3
Antiprostaglandin	1
Antiprostatitic	3
Antipsoriac	1

<b>Activity</b>	<b>Chemical Count</b>
Antipyretic	1
Antipyruvetic	1
Antiradicular	4
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	2
Antirheumatalgic	1
Antirheumatic	6
Antirhinitic	1
Antisalmonella	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	9
Antishingles	1
Antisilicotic	1
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	9
Antispasmophilic	1
Antispastic	1

<b>Activity</b>	<b>Chemical Count</b>
Antistaphylococcic	2
Antistomatitic	1
Antistreptococcic	2
Antistress	4
Antistroke	3
Antisyndrome-X	6
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitumor	10
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Gastric)	1
Antitumor (Lung)	3
Antitumor (Pancreas)	1
Antitumor (Prostate)	4
Antitumor (Stomach)	3

<b>Activity</b>	<b>Chemical Count</b>
Antitumor-Promoter	1
Antitussive	1
Antiulcer	6
Antiulcerogenic	1
Antivaginitic	1
Antivertigo	1
Antiviral	5
Antiviral?	1
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	5
AP-1-Inhibitor	1
Apoptotic	3
Asthma-preventive	1
Astringent	1
Attifuge	1
Bacteriostatic	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Bronchoprotectant	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
Cancer-Preventive	15
Candidicide	4
Candidistat	1
Carcinogenic	2
Cardiomyopathogenic	1
Cardioprotective	11
Cardiosedative	1
Cardiotonic	1
Cardiotoxic	1
Carminative	1
Chemopreventive	2
Choleretic	1
Cholesterolytic	1
Circulotonic	2
CNS-Depressant	3
Cold-preventive	1
Coleopterifuge	1

<b>Activity</b>	<b>Chemical Count</b>
Collagenic	2
Colorant	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Cosmetic	3
COX-1-Inhibitor	2
COX-2-Inhibitor	2
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-Inducer	2
Demulcent	1
Deodorant	1
Depressant	1
Dermal	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diuretic	6
Dye	1
Emetic	2



<b>Activity</b>	<b>Chemical Count</b>
Emollient	1
Encephalopathic	1
Energizer	1
Enterocontractant	1
Ergogenic	1
Erythrocytogenic	1
Expectorant	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	13
Fungicide	7
Fungiphilic	1
Fungistat	2
Gastroprotective	2
GST-Inducer	1
Hemolytic	2
Hepatoprotective	2
Hepatotoxic	1
Herbicide	3
Histaminic	1

<b>Activity</b>	<b>Chemical Count</b>
Hypercholesterolemic	3
Hypertensive	1
Hypocholesterolemic	13
Hypoglycemic	4
Hypolipidemic	1
Hypotensive	7
Hypouricemic	1
Immunomodulator	9
Immunostimulant	6
Immunosuppressant	1
Insecticide	4
Insectifuge	10
Insectiphile	1
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Irritant	7
Larvicide	3
Laxative	5

<b>Activity</b>	<b>Chemical Count</b>
Leptingenic	1
Lipolytic	1
Lithogenic	1
Litholytic	1
Lubricant	3
Memorigenic	1
Metastatic	1
Mosquitocide	1
Motor-Depressant	1
Mucogenic	2
Mucolytic	1
Myorelaxant	2
Narcotic	1
Natriuretic	1
Nematicide	8
Nephrotoxic	1
Neuroprotective	1
Neurotransmitter	1
NF-kB-Inhibitor	2
NO-Genic	1

<b>Activity</b>	<b>Chemical Count</b>
NO-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Ozone-Scavenger	1
P450-Inducer	3
Percutaneostimulant	1
Perfume	1
Perfumery	8
Peristaltic	1
Pesticide	25
Phagocytotic	1
Pheromone	1
Photosensitizer	1
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Prooxidant	2
Propepic	4
Prostaglandin-Sparer	1
Protein-Kinase-C-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Renoirritant	1
Respirainhibitor	1
Respirastimulant	1
Respirotoxic	1
Rodenticide	1
Schizophrenigenic	1
Sedative	5
Serotoninerpic	1
Soap	1
Spermicide	1
Spermigenic	1
Stimulant	1
Suppository	1
Taenicide	1
Termiticide	1
Termitifuge	1
Testosterone-Inducer	1
Testosteronigenic	1
Thymoprotective	1
Tranquilizer	2

Activity	Chemical Count
Transdermal	1
Trichomonicide	3
Tyrosinase-Inhibitor	1
Ubiquiot	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Vasodilator	7
VEGF-Inhibitor	1
Vulnerary	3