

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in Leonurus cardiaca**

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
Acaricide	1
ACE-Inhibitor	2
AChE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	7
Allelochemic	5
Allergenic	7
Alpha-Amylase-Inhibitor	1
Analgesic	5
Anesthetic	1
Angiotensin-Receptor-Blocker	1
Anthelmintic	1
Antiacetylcholinesterase	1
Antiacne	2
Antiadenomic	1
Antiaflatoxin	1
AntiAGE	1
Antiaggregant	4
Antiaging	3
Antialcoholic	1
Antiallergic	4
Antialzheimeran	4

Activity	Chemical Count
Antialzheimeran?	1
Antianaphylactic	1
Antiangiogenic	1
Antiaphthic	1
Antiapoplectic	1
Antiarrhythmic	4
Antiarthritic	4
Antiasthmatic	4
Antiatherogenic	1
Antiatherosclerotic	6
Antibacterial	17
Anticalculic	1
Anticancer	7
Anticancer (Colon)	1
Anticapillary-Fragility	2
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticariogenic	6
Anticataract	4
Anticervicaldysplasic	1
AntiCFS	1
Anticholestatic	1
Antichoreic	1
Anticirrhotic	1
Anticlastogen	1
Anticlimacteric	1
Anticoagulant	1

Activity	Chemical Count
Anticold	1
Anticolitic	1
Anticomplement	2
Anticomplementary	1
Anticonvulsant	1
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticystinuric	1
Anticystitic	1
Antidecubitic	1
Antidementia	3
Antidepressant	2
Antidermatitic	4
Antidiabetic	5
Antidiarrheic	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidyskinetic	1
AntiEBV	1
Antieczemic	1
Antiedemic	7
Antielastase	3
Antiencephalitic	2

Activity	Chemical Count
Antiendometriotic	1
Antiendotoxic	1
Antierythemic	1
Antiescherichic	2
Antiesophagitic	1
Antiestrogenic	1
Antifatigue	1
Antifeedant	8
Antifertility	1
Antifibromyalgic	1
Antifibrosarcomic	2
Antifibrotic	1
Antiflu	6
Antigallstone	1
Antigastric	1
Antigastritic	1
Antigingivitic	2
Antiglaucomic	2
Antigonadotropic	1
AntiGTF	1
Antihangover	1
Antihematuric	1
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	2
Antihepatotoxic	9
Antitherpetic	5

Activity	Chemical Count
Antihistaminic	5
AntiHIV	4
Antihomocysteine	1
Antihydrophobic	1
Antihyperlipidemic	3
Antihypertensive	4
Antiinfertility	1
Antiinflammatory	13
Antiischemic	2
Antileishmanic	4
Antileptic	1
Antileukemic	4
Antileukotriene	2
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	2
AntiLyme	1
Antilymphomic	2
Antimaculitic	1
Antimalarial	4
Antimanic	1
Antimeasles	1
Antimelanomic	2
Antimenopausal	1
Antimetastatic	3
Antimetastatic (Stomach)	1
Antimigraine	1

Activity	Chemical Count
Antimutagenic	9
Antimyocarditic	1
Antinephritic	4
Antineuramidase	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	6
Antiobesity	2
Antiobesity?	1
Antionychyotic	1
Antiophidic	1
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	1
Antiosteotic	1
Antioxidant	10
Antioxidant Synergist	2
Antipancreatic	1
Antiparkinsonian	1
Antiparotitic	1
Antipeptic	1
Antiperiodontal	2
Antiperiodontic	1
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4

Activity	Chemical Count
AntiPGE2	1
Antipharyngitic	1
Antiplateque	3
Antiplasmodial	3
Antiplatelet	1
AntiPMS	1
Antipneumonic	2
Antipodriac	2
Antipolio	1
Antipoliomyelitic	1
Antiproliferant	3
Antiproliferative	1
Antiprostaglandin	1
Antiprostanoid	1
Antiprostatitic	1
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	2
Antipyretic	1
Antiradicular	7
AntiRaynaud's	1
Antirenitic	1
Antiretinotic	1
Antirheumatic	1
Antirhinitic	1
Antisarcomic	1
Antisclerodermic	1

Activity	Chemical Count
Antiscorbutic	1
Antiseborrheic	2
Antiseptic	8
Antishingles	1
Antispasmodic	9
Antistaphylococcic	4
Antisteatotic	1
Antistreptococcic	2
Antistress	1
Antisunburn	1
Antisyndrome-X	1
AntiTGF-beta	2
Antithiamin	1
Antithrombic	1
Antithrombogenic	2
Antithromboxane	1
Antithyroid	1
Antitrypanosomic	3
Antitubercular	2
Antitumor	13
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	4
Antitumor (Cervix)	1
Antitumor (Colon)	4
Antitumor (Gastric)	1
Antitumor (Kidney)	1



Activity	Chemical Count
Antitumor (Lung)	4
Antitumor (Ovary)	2
Antitumor (Pancreas)	2
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	2
Antitumor-Promoter	5
Antitussive	1
Antiulcer	9
Antivaricose	1
Antiviral	11
Antiwrinkle	1
Apoptotic	4
Aromatase-Inhibitor	2
Arrhythmigenic	1
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	3
Bitter	1
Bradycardiac	1
Bronchoprotectant	1
Bruchiphobe	1
Calcium-Antagonist	2

Activity	Chemical Count
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	12
Candidicide	5
Candidistat	1
Capillarifortificant	1
Capillarigenic	2
Capillariprotective	2
Carcinogenic	3
Cardioactive	1
Cardiodepressant	1
Cardioprotective	3
Cardiotonic	4
Catabolic	2
Cerebrotonic	1
Chelator	1
Chemopreventive	2
Choleretic	3
Cholesterolytic	1
Cholinergic	1
CNS-Depressant	2
Cold-preventive	1
Coleoptophile	1
Collagenic	1
COMP-Inhibitor	1
COMT-Inhibitor	1

Activity	Chemical Count
Copper-Chelator	1
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Curaroid	1
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Detoxicant	3
Diaphoretic	1
Diaphoretic?	1
Differentiator	1
Disinfectant	1
Diuretic	7
Dye	1
Elastase-Inhibitor	2
Emmenagogue	1
Enterocontractant	1
Estrogenic	1
Estrogenic?	1
Expectorant	3
Fistula-Preventive	1
Flatugenic	1
FLavor	7
Fungicide	3

Activity	Chemical Count
Fungiphilic	1
Fungistat	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	2
GST-Inducer	1
Hemopoietic	1
Hemostat	5
Hepatomagenic	2
Hepatoprotective	8
Hepatotonic	1
Herbicide	3
Histaminic	1
HIV-RT-Inhibitor	1
Hypocholesterolemic	3
Hypoglycemic	4
Hypolipemic	1
Hypotensive	8
Ileorelaxant	1
Immunomodulator	5
Immunostimulant	3
Immunosuppressant	1
iNOS-Inhibitor	1
Inotropic	1
Insecticide	4
Insectifuge	6
Insectiphile	4
Insulinogenic	1

Activity	Chemical Count
Interferonogenic	1
Interleukin-6-Inhibitor	1
Irritant	5
Juvabional	2
Lactagogue	1
Larvicide	1
Larvostat	2
Laxative?	2
Leucocytogenic	2
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	5
Lithogenic	1
Litholytic	1
MAO-A-Inhibitor	2
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	2
Mosquitocide	1
Motor-Depressant	1
Mucolytic	1
Mutagenic	2
Mycobactericide	2
Myoprotective	1

Activity	Chemical Count
Myorelaxant	2
Myostimulant	1
NADH-Oxidase-Inhibitor	1
Narcotic	1
Nematicide	2
NEP-Inhibitor	1
Neuroprotective	1
NF-kB-Inhibitor	2
NO-Genic	1
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	4
Oviposition-Stimulant	1
Oxytocic?	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	1
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	1
Paralytic	1
Parasympathomimetic	1
Perfumery	5
Peristaltic	1
Pesticide	16
PGE2-Inhibitor	1
Phagocytotic	1

Activity	Chemical Count
Phospholipase-Inhibitor	1
Photosensitizer	1
Piscicide	2
Plasmodicide	1
Potassium-Sparing	1
Proliferant	1
Propecic	1
Prostaglandin-Synthesis-Inhibitor	2
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	2
Psychotropic	1
PTK-Inhibitor	1
Purgative	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Refrigerant	1
Secretagogue	1
Sedative	5
Sialogogue	1
Sodium-Sparing	1
Spasmogenic	2
Sunscreen	1
Systolic-Depressant	1
Teratologic	1
Termiticide	1
Termitifuge	1

Activity	Chemical Count
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	3
Tranquilizer	1
Transdermal	3
Trypanocide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Uricosuric	1
Urinary-Acidulant	1
Uterotonic	2
Vasodilator	3
Vasopressor	4
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	4