

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Vitex agnus-castus*

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Acaricide	4
ACE-Inhibitor	5
AChE-Inhibitor	1
Aldose-Reductase-Inhibitor	10
Allelochemic	2
Allelopathic	6
Allergenic	8
Anabolic	1
Analgesic	5
Ancylostomicide	1
Androgenic	2
Anesthetic	3
Anthelmintic	3
Antiacetylcholinesterase	6
Antiacne	5
Antiadenomic	1
Antiaflatoxin	1
Antiaggregant	2
Antiallergic	5
Antialopepic	1
Antialzheimeran?	1
Antianaphylactic	2

Activity	Chemical Count
Antiandrogenic	1
Antianemic	1
Antiangiogenic	1
Antiarrhythmic	1
Antiartherosclerotic	1
Antiarthritic	1
Antiasthmatic	2
Antiatherogenic	1
Antibacillary	1
Antibacterial	20
Antibradiquinic	1
Antibronchitic	1
Anticancer	4
Anticarcinogenic	1
Anticarcinomic	2
Anticariogenic	3
Anticataract	1
Anticatarrh	1
Anticholinesterase	1
Anticlimacteric	1
Anticolic	1
Anticomplementary	1
Anticonvulsant	2
Anticoronary	1
Antidermatic	2
Antidermatitic	1
Antidiarrheic	1

Activity	Chemical Count
Antidote (Amanitin)	1
Antidysenteric	1
Antieczemic	1
Antiedemic	4
Antiemetic	1
Antiesophagitic	1
Antiestrogenic	1
Antifatigue	2
Antifeedant	7
Antifertility	1
Antifibrinolytic	1
Antifibrositic	1
Antiflatulent	1
Antiflu	3
Antigingivitic	1
Antiglutamaergic	1
Antigranular	1
Antihalitotic	1
Antihelicobacter	1
Antihemophilic	1
Antiherpetic	3
Antihistaminic	6
AntiHIV	2
Antihypogonadic	1
Antiimplantation	1
Antiinflammatory	18
Antilaryngitic	1

Activity	Chemical Count
Antileukemic	5
Antileukotriene-D4	1
Antilithic	1
Antilithic?	1
Antilymphocytic	1
Antilymphomic	3
Antimalarial	5
Antimange	1
Antimelanomic	1
Antimenorrhagic	1
Antimetastatic (Stomach)	1
Antimite	1
AntiMS	1
Antimutagenic	5
Antineuralgic	1
Antinitrosaminic	1
Antinociceptive	3
Antiobesity	1
Antiosteoporotic	1
Antioxidant	15
Antiperiodontic	1
Antiperoxidant	2
Antipharyngitic	1
Antiplateque	2
Antiplasmodial	1
Antipneumonic	1
Antipolio	2

Activity	Chemical Count
Antiprolactin	2
Antiproliferant	2
Antiprostatic	1
Antipruritic	1
Antiradicular	2
Antirheumatalgic	1
Antirheumatic	1
Antirhinitic	1
Antirhinoviral	2
Antiseptic	13
Antiserotonin	1
Antiserotoninic	1
Antishock	1
Antisickling	2
Antisinusitic	1
Antispasmodic	14
Antistaphylococcic	5
Antistreptococcic	1
Antithyroid	1
Antitumor	6
Antitumor (brain)	1
Antitumor (Breast)	2
Antitumor (Colon)	2
Antitumor (Kidney)	1
Antitumor (Lung)	1
Antitumor (Ovary)	1
Antitumor (Pancreas)	2

Activity	Chemical Count
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	2
Antitumor (Thyroid)	1
Antitumor-Promoter	2
Antitussive	3
Antiulcer	4
Antiviral	10
Aphidifuge	2
Aphrodisiac	1
Apoptotic	3
Aromatase-Inhibitor	2
Ascaricide	1
Bacteriostatic	1
Barbituate-Synergist	1
Beta-Glucuronidase-Inhibitor	1
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	2
Calcium-Sparing	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	12
Candidicide	4
Candidistat	2
Carcinogenic	5
Carminative	3
Cathartic	1

Activity	Chemical Count
Chemopreventive	3
Choleretic	4
Cholesterolytic	1
Cicatrizant	1
CNS-Depressant	1
CNS-Stimulant	2
Coleoptophile	1
Collagenic	1
Comedolytic	1
Convulsant	3
Copper-Chelator	1
Cosmetic	1
Counterirritant	2
COX-2-Inhibitor	1
Culicide	1
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytotoxic	5
Decongestant	2
Degranulant	1
Deiodinase-Inhibitor	1
Deliriant	1
Dentifrice	1
Detoxicant	1
Diaphoretic?	1
Differentiator	1
Diuretic	4

Activity	Chemical Count
Dye	1
Ecboic	1
Edemagenic	1
Emetic	2
Enterocontractant	2
Epileptigenic	1
Estrogenic	2
Expectorant	9
FLavor	12
Fungicide	13
Fungiphilic	1
Fungistat	1
GABA-nergic	1
Gastroprotective	1
Goitrogenic	1
Gram(+)-icide	1
Gram(-)-icide	1
GST-Inducer	1
Hepatoprotective	5
Hepatotonic	1
Herbicide	9
Histaminic	1
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	1
Hypnotic	1
Hypocholesterolemic	2
Hypocholesterolemic?	1

Activity	Chemical Count
Hypotensive	3
Hypothermic	2
ICAM-1-Inhibitor	2
IKK-Inhibitor	1
Immunomodulator	2
Immunostimulant	1
Immunosuppressant	1
Inflammatory	1
iNOS-Inhibitor	2
Inotropic	1
Insect-Repellent	1
Insecticide	5
Insectifuge	14
Insectiphile	1
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	2
Irritant	11
JNK-Inhibitor	1
Lactagogue	1
Larvicide	1
Larvostat	1
Laxative	3
Lipolytic	1
Lipoxygenase-Inhibitor	2
MAO-Inhibitor	2
MAPK-Inhibitor	1
Metalloproteinase-Inhibitor	1

Activity	Chemical Count
Metastatic	1
MMP-9-Inhibitor	1
Mosquitofuge	2
Motor-Depressant	2
Mutagenic	1
Myorelaxant	5
Natriuretic	1
Nematicide	9
NEP-Inhibitor	1
Neuroprotective	1
Neurotoxic	1
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	2
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	3
P450-Inducer	2
PAF-Inhibitor	1
Paralytic	1
Parasiticide	4
Pediculicide	1
Perfume	1
Perfumery	10
Peristaltic	1
Pesticide	32

Activity	Chemical Count
Pheromone	1
Photosensitizer	1
Plasmodicide	5
Proliferant	1
Prooxidant	1
Propepic	1
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	3
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Renoirritant	1
Respirainhibitor	1
Respirastimulant	1
RNA-Inhibitor	1
Rubefacient	2
Secretogogue	1
Sedative	9
Spasmogenic	5
Spermicide	1
Stimulant	1
Succinoxidase-Inhibitor	1
Surfactant	1
Teratologic	1
Termiticide	1
Termitifuge	2
Testosterone-Hydroxylase-Inducer	1

Activity	Chemical Count
Thyroid-Peroxidase-Inhibitor	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	1
Tranquilizer	1
Transdermal	7
Trichomonicide	4
Trypanocide	1
Tumor-Promoter	1
Tyrosinase-Inhibitor	1
Ubiquitin	1
Uricosuric	1
Uterotrophic	1
Vasodilator	3
VEGF-Inhibitor	1
Vermifuge	1
Verrucolytic	1
Vibriocide	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	1