

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Callicarpa americana***

<b>Activity</b>	<b>Chemical Count</b>
(-)-Chronotropic	3
(-)-Inotropic	3
Acaricide	7
ACE-Inhibitor	3
AChE-Inhibitor	1
Aldose-Reductase-Inhibitor	4
Allelochemic	4
Allelopathic	4
Allergenic	8
Analgesic	3
Anesthetic	5
Anthelmintic	2
Antiacetylcholine	1
Antiacetylcholinesterase	7
Antiacne	3
Antiadenomic	1
Antiallergic	3
Antialzheimeran?	1

<b>Activity</b>	<b>Chemical Count</b>
Antianaphylactic	1
Antiasthmatic	1
Antibacillary	1
Antibacterial	11
Antibronchitic	3
Anticancer	3
Anticariogenic	5
Anticatarrh	2
Anticholinesterase	2
Anticolic	1
Anticonvulsant	1
Antiedemic	2
Antiescherichic	1
Antiesophagitic	1
Antifatigue	2
Antifeedant	6
Antiflu	3
Antiglutamaergic	1
Antihalitosis	2
Antihistaminic	1

<b>Activity</b>	<b>Chemical Count</b>
Antiinflammatory	9
Antilaryngitic	2
Antileukemic	1
Antilithic	1
Antilithic?	1
Antilymphomic	2
Antimalarial	4
Antimange	1
Antimetastatic (Stomach)	1
Antimite	2
Antimutagenic	3
Antinitrosaminic	2
Antinociceptive	2
Antiobesity	1
Antiodontalgic	1
Antiotitic	1
Antioxidant	3
Antipeptic	1
Antipharyngitic	2
Antiplateau	2

<b>Activity</b>	<b>Chemical Count</b>
Antiplasmodial	4
Antipneumonic	1
Antiproliferant	1
Antipruritic	1
Antipyretic	1
Antirheumatalgic	1
Antirheumatic	2
Antirhinitic	2
Antisalmonella	2
Antiseptic	13
Antishock	1
Antisinusitic	2
Antispasmodic	9
Antistaphylococcic	4
Antistreptococcic	1
Antitumor	4
Antitumor (Breast)	1
Antitumor (Colon)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	1

<b>Activity</b>	<b>Chemical Count</b>
Antitumor (Stomach)	1
Antitussive	2
Antiulcer	2
Antiviral	4
Antiyeast	1
Apoptotic	1
Barbituate-Synergist	1
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	1
Cancer-Preventive	3
Candidicide	5
Candidistat	2
Carcinogenic	2
Carminative	1
Chemopreventive	1
Choleretic	3
Cholesterolytic	1
Cicatrizant	1
CNS-Depressant	1

<b>Activity</b>	<b>Chemical Count</b>
CNS-Stimulant	3
CNS-Toxic	1
Coleoptophile	1
Convulsant	2
Counterirritant	2
Culicide	1
Cytochrome-P450-Inducer	3
Cytotoxic	1
Decongestant	2
Degranulant	2
Dentifrice	2
Deodorant	1
Detoxicant	1
Edemagenic	2
Enterocontractant	1
Expectorant	6
FLavor	18
Fungicide	8
Fungiphilic	1
Fungistat	1

<b>Activity</b>	<b>Chemical Count</b>
GABA-nergic	1
Gastroprotective	2
Gram(+)-icide	2
Gram(-)-icide	2
GST-Inducer	1
Hepatoprotective	1
Hepatotonic	2
Herbicide	8
Histaminic	1
Hypnotic	1
Hypocholesterolemic?	1
Hypotensive	2
Hypothermic	1
Immunomodulator	1
Immunostimulant	1
Inflammatory	2
Inhalant	1
Insect-Repellent	1
Insecticide	7
Insectifuge	12

<b>Activity</b>	<b>Chemical Count</b>
Insectiphile	1
Interleukin-6-Inhibitor	2
Irritant	10
Larvicide	1
Laxative	1
Lipolytic	1
Mosquitofuge	2
Motor-Depressant	3
Myorelaxant	4
Narcotic	1
Nematicide	7
Neurotoxic	2
NO-Genic	1
Ornithine-Decarboxylase-Inhibitor	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	2
P450-Inducer	4
Pediculicide	2
Perfume	2
Perfumery	15



<b>Activity</b>	<b>Chemical Count</b>
Peristaltic	1
Pesticide	23
Photosensitizer	1
Prooxidant	1
Rubefacient	2
Secretagogue	2
Sedative	10
Spasmogenic	6
Surfactant	2
Termiticide	2
Termitifuge	1
Testosterone-Hydroxylase-Inducer	2
Testosterone-Inducer	1
Tranquilizer	2
Transdermal	6
Trichomonicide	4
Tumor-Promoter	1
Tyrosinase-Inhibitor	1
Vulnerary	1