

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

| Activity | Chemical Count |
|----------------------------|-----------------------|
| (-)-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 |

| Activity | Chemical Count |
|--------------------|-----------------------|
| 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 |
| Antihalitotic | 2 |
| Antihistaminic | 1 |

| Activity | Chemical Count |
|--------------------------|-----------------------|
| 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 |

| Activity | Chemical Count |
|----------------------|-----------------------|
| 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 |

| Activity | Chemical Count |
|----------------------|-----------------------|
| 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 |

| Activity | Chemical Count |
|-------------------------|-----------------------|
| 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 |

| Activity | Chemical Count |
|----------------------|-----------------------|
| 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 |

| Activity | Chemical Count |
|-----------------------------------|-----------------------|
| 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 |

| Activity | Chemical Count |
|----------------------------------|-----------------------|
| 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 |