

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Origanum vulgare***

| Activity | Chemical Count |
|----------------------------|-----------------------|
| (-)-Chronotropic | 3 |
| (-)-Inotropic | 3 |
| Abortifacient | 1 |
| Acaricide | 7 |
| ACE-Inhibitor | 4 |
| AChE-Inhibitor | 1 |
| Aldose-Reductase-Inhibitor | 6 |
| Allelochemic | 3 |
| Allelopathic | 5 |
| Allergenic | 12 |
| Allergenic? | 1 |
| Analgesic | 3 |
| Ancylostomicide | 1 |
| Anesthetic | 5 |
| Ankylostomacide | 1 |
| Anthelmintic | 5 |
| Antiacetylcholinesterase | 8 |
| Antiacne | 6 |

| Activity | Chemical Count |
|-----------------------|-----------------------|
| Antiadenomic | 1 |
| Antiaggregant | 1 |
| Antiallergic | 3 |
| Antialzheimeran? | 3 |
| Antiarthritic | 1 |
| Antiasthmatic | 2 |
| Antiatherosclerotic | 2 |
| Antibacillary | 1 |
| Antibacterial | 19 |
| Antibronchitic | 3 |
| Anticancer | 2 |
| Anticancer (Pancreas) | 1 |
| Anticariogenic | 8 |
| Anticatarrh | 2 |
| Anticholinesterase | 3 |
| Anticholinesterase? | 1 |
| Anticonvulsant | 1 |
| Antidiuretic | 1 |
| Antiesophagitic | 1 |
| Antifatigue | 2 |

| Activity | Chemical Count |
|--------------------------|-----------------------|
| Antifeedant | 6 |
| Antiflu | 3 |
| Antihalitotic | 3 |
| Antihelicobacter | 2 |
| Antiherpetic | 2 |
| Antiinflammatory | 9 |
| Antilaryngitic | 2 |
| Antileptic | 1 |
| Antilithic | 1 |
| Antilithic? | 1 |
| Antilymphomic | 1 |
| Antimelanomic | 4 |
| Antimetastatic (Stomach) | 1 |
| Antimite | 1 |
| Antimutagenic | 2 |
| Antineuritic | 1 |
| Antinitrosaminic | 3 |
| Antinociceptive | 3 |
| Antiobesity | 1 |
| Antioxidant | 8 |

| Activity | Chemical Count |
|--------------------|-----------------------|
| Antioxidant (LDL) | 2 |
| Antiperiodontic | 1 |
| Antipharyngitic | 2 |
| Antiplateau | 4 |
| Antipneumonic | 1 |
| Antiproliferant | 1 |
| Antiprostaglandin | 1 |
| Antiradicular | 2 |
| Antirheumatalgic | 1 |
| Antirheumatic | 3 |
| Antirhinitic | 2 |
| Antirhinoviral | 2 |
| Antisalmonella | 3 |
| Antiseptic | 13 |
| Antisinusitic | 2 |
| Antispasmodic | 13 |
| Antistaphylococcic | 5 |
| Antistreptococcic | 4 |
| Antitrichinosic | 1 |
| Antitubercular | 1 |

| Activity | Chemical Count |
|----------------------|-----------------------|
| Antitumor | 4 |
| Antitumor (Breast) | 1 |
| Antitumor (Colon) | 1 |
| Antitumor (Pancreas) | 2 |
| Antitumor (Prostate) | 1 |
| Antitumor (Stomach) | 1 |
| Antitussive | 5 |
| Antiulcer | 8 |
| Antiviral | 6 |
| Apoptotic | 1 |
| Ascaricide | 1 |
| Ataxigenic | 1 |
| Bacteriostatic | 1 |
| Bronchoprotectant | 1 |
| Cancer-Preventive | 4 |
| Candidicide | 6 |
| Candidistat | 1 |
| Carcinogenic | 2 |
| Carminative | 2 |
| Chemopreventive | 2 |

| Activity | Chemical Count |
|--------------------------|-----------------------|
| Choleretic | 2 |
| Cholesterolytic | 1 |
| Cicatrizant | 1 |
| CNS-Stimulant | 3 |
| Coleoptophile | 1 |
| Convulsant | 2 |
| Counterirritant | 3 |
| Culicide | 1 |
| Cyclooxygenase-Inhibitor | 2 |
| Cytochrome-P450-Inducer | 4 |
| Decongestant | 2 |
| Degranulant | 2 |
| Dentifrice | 3 |
| Deodorant | 2 |
| Dermatitigenic | 2 |
| Detoxicant | 1 |
| Diuretic | 1 |
| Edemagenic | 2 |
| Embryotoxic | 1 |
| Emetic | 1 |

| Activity | Chemical Count |
|----------------------|-----------------------|
| Enterocontractant | 1 |
| Enterorelaxant | 2 |
| Enterotoxic | 1 |
| Estrogenic | 1 |
| Expectorant | 11 |
| FLavor | 24 |
| Fungicide | 11 |
| Fungiphilic | 1 |
| Fungistat | 1 |
| Gastroirritant | 1 |
| Gastroprotective | 2 |
| Gram(+)-icide | 3 |
| Gram(-)-icide | 3 |
| GST-Inducer | 1 |
| Hepatotonic | 2 |
| Herbicide | 8 |
| Histaminic | 1 |
| Hypocholesterolemic | 1 |
| Hypocholesterolemic? | 1 |
| Hypotensive | 2 |

| Activity | Chemical Count |
|-------------------------|-----------------------|
| Hypothermic | 1 |
| Immunomodulator | 1 |
| Inflammatory | 2 |
| Insecticide | 6 |
| Insectifuge | 17 |
| Insectiphile | 3 |
| Interleukin-6-Inhibitor | 2 |
| Irritant | 12 |
| Larvicide | 1 |
| Laxative | 1 |
| Lipolytic | 1 |
| Molluscicide | 1 |
| Mosquitofuge | 1 |
| Motor-Depressant | 2 |
| Motor-Stimulant | 1 |
| Mycobactericide | 1 |
| Myorelaxant | 6 |
| Nematicide | 13 |
| Neurotoxic | 2 |
| NO-Genic | 1 |

| Activity | Chemical Count |
|-----------------------------------|-----------------------|
| Ornithine-Decarboxylase-Inhibitor | 1 |
| Ozone-Scavenger | 1 |
| P450-2B1-Inhibitor | 3 |
| P450-Inducer | 5 |
| Pediculicide | 2 |
| Perfume | 2 |
| Perfumery | 18 |
| Peristaltic | 1 |
| Pesticide | 31 |
| Pheromone | 1 |
| Photosensitizer | 1 |
| Prostaglandin-Inhibitor | 1 |
| Renoirritant | 1 |
| Rubefacient | 2 |
| Secretagogue | 2 |
| Sedative | 13 |
| Spasmogenic | 6 |
| Spermicide | 1 |
| Sprout-Inhibitor | 1 |
| Stomachic | 2 |

| Activity | Chemical Count |
|----------------------------------|-----------------------|
| Surfactant | 2 |
| Termiticide | 3 |
| Testosterone-Hydroxylase-Inducer | 2 |
| Testosterone-Inducer | 1 |
| Tracheorelaxant | 2 |
| Tranquilizer | 1 |
| Transdermal | 6 |
| Trichomonicide | 8 |
| Urinary-Antiseptic | 1 |
| Varroacide | 1 |
| Vermicide | 1 |
| Vermifuge | 1 |
| Vulnerary | 2 |