

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Vanilla planifolia***

<b>Activity</b>	<b>Chemical Count</b>
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	1
Acaricide	5
Acetylcholinergic	1
AChE-Inhibitor	1
Acidulant	1
Addictive	1
Adrenergic	2
Aggregant	1
Aldose-Reductase-Inhibitor	4
Allelochemic	10
Allelopathic	4
Allergenic	12
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	5
Anemiagenic	1

<b>Activity</b>	<b>Chemical Count</b>
Anesthetic	8
Angiotensin-Receptor-Blocker	1
Anthelmintic	2
Antiacetylcholinesterase	1
Antiacne	1
Antiadenomic	1
Antiaggregant	7
Antialcoholic	2
Antiallergic	2
Antiallopecic	3
Antialzheimeran?	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	1
Antianxiety	1
Antiaphthic	1
Antiarachidonate	1
Antiarrhythmic	3
Antiarteriosclerotic	1
Antiarthritic	4

<b>Activity</b>	<b>Chemical Count</b>
Antiasthmatic	2
Antiatherosclerotic	4
Antibacterial	21
Antibrucellosic	1
Anticalculic	1
Anticancer	5
Anticancer (Breast)	1
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Kidney)	1
Anticancer (Liver)	1
Anticancer (Prostate)	1
Anticancer (Skin)	1
Anticarcinogenic	1
Anticariogenic	2
Anticlastogen	1
Anticlimacteric	1
Anticoagulant	1
Anticonvulsant	1
Anticoronary	1

<b>Activity</b>	<b>Chemical Count</b>
Antidandruff	1
Antidepressant	1
Antidermatitic	1
Antidermatotic	1
Antidiabetic	2
Antidiarrheic	1
Antidiuretic	1
Antidote (Aluminum)	1
Antidote (Lead)	1
Antidrepanocytic	1
Antidysenteric	1
Antidysmenorrheic	1
Antieczemic	3
Antiedemic	6
Antiendotoxic	1
Antienterococcic	1
Antiescherichic	2
Antiesherichic	1
Antiesophagitic	2
Antiastrogenic	2

<b>Activity</b>	<b>Chemical Count</b>
Antifatigue	1
Antifeedant	4
Antifibrinolytic	2
Antifibromyalgic	1
Antiflu	2
Antigenotoxic	1
Antigonadotropic	1
Antigranular	1
Antihangover	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatotoxic	5
Antiherpetic	5
Antihiccup	1
Antihistaminic	3
Antihistoplasmic	1
AntiHIV	1
Antihydrocoele	1
Antihyperkinetic	1
Antihyperlipidemic	1

<b>Activity</b>	<b>Chemical Count</b>
Antihypertensive	3
Antiichthyosic	1
Antiincontinence	1
Antiinflammatory	16
Antiinsomniac	1
Antiischemic	1
Antikeratotic	1
Antiketotic	2
Antiklebsiellitic	1
Antilactobacillic	1
AntiLegionella	1
Antileishmanic	1
Antileukemic	5
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	1
Antilisteria	1
Antilithic	1
Antilymphedemic	1
Antilymphomic	1

<b>Activity</b>	<b>Chemical Count</b>
Antimelanogenic	1
Antimelanomic	1
Antimenopausal	1
Antimenorrhagic	1
Antimetastatic	1
Antimetastatic (Stomach)	1
Antimitotic	4
Antimononucleotic	1
AntiMS	2
Antimutagenic	16
Antimycoplasmotic	1
Antinauseant	1
Antineoplastic	1
Antinephritic	1
Antineuralgic	1
Antinitrosaminic	1
Antinitrosating	1
Antiobesity	3
Antiodontalgic	1
Antioncychomycotic	1

<b>Activity</b>	<b>Chemical Count</b>
Antionychogryphotic	1
Antiophidic	2
Antiophthalmic	1
Antiosteoporotic	2
Antiosteotic	1
Antiotitic	3
Antioxidant	19
Antioxidant (LDL)	1
Antioxidant Synergist	2
Antipeptic	1
Antiperiodic	1
Antiperiodontal	1
Antiperiodontitic	1
Antiperoxidant	3
Antiplateque	1
AntiPMS	1
Antipneumonic	1
Antipodagric	1
Antipolio	1
Antiprostaglandin	3



<b>Activity</b>	<b>Chemical Count</b>
Antiprostatic	2
Antipruritic	1
Antipseudomonic	1
Antipsittacotic	1
Antipsoriac	2
Antipyretic	5
Antipyruvetic	1
Antiradicular	9
Antirenitic	1
Antirheumatic	3
Antisalmonella	5
Antisclerodermic	1
Antiseborrheic	3
Antiseptic	21
Antiserotonin	1
Antisickling	3
Antisinusitic	1
Antispasmodic	8
Antispastic	1
Antistaphylococcic	3

<b>Activity</b>	<b>Chemical Count</b>
Antistomatitic	1
Antistress	1
Antisyncopic	1
Antithiamin	1
Antithrombic	1
Antithromboxane	1
Antithyreotropic	1
Antitic	1
AntiTNF	1
Antitoxoplasmotic	1
Antitubercular	2
Antituberculic	1
Antitumor	13
Antitumor (Breast)	2
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (GI)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Mouth)	1

<b>Activity</b>	<b>Chemical Count</b>
Antitumor (Pancreas)	1
Antitumor (Prostate)	2
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	4
Antitussive	1
Antitympanic	1
Antiulcer	5
Antiurease	1
Antiuricosuric	1
Antivaginitic	1
Antivaricose	1
Antiviral	10
Antiwrinkle	1
Antiyeast	2
Anxiolytic	2
Apifuge	1
Apoptotic	2
Arteriodilator	1
Ascaricide	1

<b>Activity</b>	<b>Chemical Count</b>
Astringent	2
Atherogenic	1
Bacteristat	4
Beta-Blocker	1
Bronchoprotectant	1
Bruchiphobe	2
Calcium-Antagonist	1
Calcium-Channel-Blocker	1
Cancer-Preventive	23
Candidicide	7
Candidistat	1
Carcinogenic	7
Carcinogenic?	1
Cardiac	1
Cardiodepressant	2
Cardioprotective	2
Cardiotonic	3
Carminative	1
Cataractagenic	1
Chelator	1

<b>Activity</b>	<b>Chemical Count</b>
Chemopreventive	3
Cholagogue	1
Choleretic	9
Cholesterolytic	1
Chronotropic	1
Circulatory-Stimulant	1
CNS-Depressant	3
CNS-Paralytic	1
CNS-Stimulant	1
Co-carcinogenic	1
Collyrium	1
Comedolytic	2
COMP-Inhibitor	1
Convulsant	1
Corrosive	1
Cosmetic	3
Counterirritant	1
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	5

<b>Activity</b>	<b>Chemical Count</b>
Cytochrome-P450-Inhibitor	1
Cytotoxic	2
Demulcent	1
Dermal	1
Dermatitigenic	4
Detoxicant	1
Disinfectant	1
Diuretic	3
DME-Inhibitor	1
Emetic	4
Enterocontractant	1
Enterorelaxant	1
Estrogenic	1
Expectorant	5
Fatal	1
FEMA	1
Flatugenic	1
FLavor	31
Fungicide	21
Fungiphilic	1

<b>Activity</b>	<b>Chemical Count</b>
Fungistat	3
Fungitoxic	1
Glucosyl-Transferase-Inhibitor	1
Glutathione-Depleting	1
GST-Inducer	1
Hemolytic	3
Hemopoietic	1
Hemorrhagic	1
Hemostat	2
Hemostatic	1
Hepatoprotective	5
Hepatotoxic	2
Hepatotropic	1
Herbicide	6
Herbistat	1
Histaminic	2
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	2
Hypnotic	2

<b>Activity</b>	<b>Chemical Count</b>
Hypocholesterolemic	6
Hypoglycemic	4
Hypolipidemic	1
Hypotensive	4
Hypothermic	1
Hypouricemic	1
Immunomodulator	2
Immunostimulant	6
Immunosuppressant	4
Inflammatory	1
Inotropic	1
Insecticide	6
Insectifuge	9
Insectifuge?	1
Interleukin-6-Inhibitor	1
Irritant	15
Juvabional	2
Keratitigenic	1
Keratolytic	1
Larvicide	1



<b>Activity</b>	<b>Chemical Count</b>
Larvostat	1
Laxative	5
Laxative?	2
Lipolytic	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	1
Lubricant	3
Lymphocytogenic	1
Lymphokinetic	1
MAO-Inhibitor	1
Memory-Enhancer	1
Metal-Chelator	1
Metastatic	1
Monoaminergic	1
Motor-Depressant	2
Mucolytic	1
Mutagenic	1
Mycobactericide	2
Myorelaxant	1

<b>Activity</b>	<b>Chemical Count</b>
Narcotic	2
Nematicide	8
Neoplastic	1
Nephrotoxic	1
Neurotoxic	1
NO-Genic	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Osteolytic	1
Ovicide	1
Ozone-Scavenger	1
P450-Inducer	1
Paralytic	1
Parasiticide	2
Pediculicide	1
Percutaneostimulant	1
Perfumery	20
Peristaltic	1
Pesticide	38

<b>Activity</b>	<b>Chemical Count</b>
Phagocytotic	3
Photoactive	1
Photosensitizer	1
Phytoalexin	2
Piscicide	1
Preservative	3
Propepic	5
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	3
Protisticide	1
Psychotropic	1
Quinone-Reductase-Inducer	1
Refrigerant	1
Renotoxic	1
Respirapalytic	1
Respirodepressant	1
Rodenticide	3
Secretogogue	3
Sedative	6
Sialogogue	1

<b>Activity</b>	<b>Chemical Count</b>
Soap	1
Soporific	1
Spermicide	1
Sprout-Inhibitor	1
Sunscreen	2
Suppository	1
Sweetener	2
Teratogenic	1
Termiticide	3
Thermogenic	1
Tineacide	1
Toxic	1
Tranquilizer	2
Transdermal	3
Trichomonicide	1
Trichomonistat	1
Triglycerigenic	1
Trypsin-Enhancer	2
Tumor-Promoter	1
Tyrosinase-Inhibitor	9

<b>Activity</b>	<b>Chemical Count</b>
Ubiquiot	4
Ulcerogenic	3
Uricogenic	1
Uricosuric	2
Uterosedative	1
Varroacide	2
Vasodilator	6
Vermifuge	1
Verrucolytic	1
Vibriocide	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	3