

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Chamaemelum nobile***

<b>Activity</b>	<b>Chemical Count</b>
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	1
5-HT-Inhibitor	1
Abortifacient	1
Acaricide	4
ACE-Inhibitor	3
AChE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	12
Allelochemic	6
Allelopathic	4
Allergenic	13
Amphiglycemic?	1
Analgesic	11
Androgenic?	1
Anesthetic	3

<b>Activity</b>	<b>Chemical Count</b>
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	3
Antiacetylcholine	1
Antiacetylcholinesterase	5
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	2
Antiadenoviral	1
Antiadrenergic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	7
Antiaging	5
Antiakathisic	1
Antialcoholic	4
Antiallergic	12
Antialopepic	2

Activity	Chemical Count
Antialzheimeran	5
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	1
Antianemic	2
Antianginal	2
Antiangiogenic	4
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	7
Antiarteriosclerotic	1
Antiarthritic	7
Antiasthmatic	6
Antiatherogenic	3
Antiatherosclerotic	6
Antibacillary	1
Antibackache	1

<b>Activity</b>	<b>Chemical Count</b>
Antibacterial	22
Antiberiberi	1
AntiBPH	1
Antibradykinic	1
Antibronchitic	3
Antibronchoconstrictor	1
Anticancer	5
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Pancreas)	1
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	3
Anticarcinomic	2
Anticarcinomic (Colon)	1
Anticarcinomic (Lung)	1
Anticardiospasmic	1

<b>Activity</b>	<b>Chemical Count</b>
Anticariogenic	4
Anticarpal-Tunnel	1
Anticataract	8
Anticatarrh	2
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticholinergic	1
Anticholinesterase	2
Antichoreic	1
Anticirrhotic	3
Anticlastogen	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	2
Anticonvulsant	4

<b>Activity</b>	<b>Chemical Count</b>
Anticorneotic	1
Anticoronary	4
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticystinuric	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	6
Antidermatic	2
Antidermatitic	3
Antidiabetic	9
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3

<b>Activity</b>	<b>Chemical Count</b>
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	2
Antiedemic	7
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	2
Antiesophagitic	1
Antiestrogenic	3

<b>Activity</b>	<b>Chemical Count</b>
Antifatigue	7
Antifeedant	7
Antifibromyalgic	1
Antifibrotic	3
Antiflu	4
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	3
Antiglossitic	1
Antiglycosuric	1
Antigonadotropic	1
Antigout	1
Antihalitotic	2
Antihangover	4
Antiheartburn	1
Antihelicobacter	1
Antihematuric	1



<b>Activity</b>	<b>Chemical Count</b>
Antihemolytic	1
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotoxic	6
Antiherpetic	8
Antiherpetic?	1
Antihistaminic	8
AntiHIV	6
Antihomocysteine	1
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	7
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1

<b>Activity</b>	<b>Chemical Count</b>
Antiinfective	1
Antiinfertility	2
Antiinflammatory	21
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1
Antilaryngitic	2
AntiLegionella	1
Antileptic	2
Antileukemic	6
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	3
Antilithic?	1
Antilupus	1

<b>Activity</b>	<b>Chemical Count</b>
AntiLyme	5
Antilymphomic	3
Antimaculitic	4
Antimalarial	5
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	5
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	4
Antimetastatic (Stomach)	1
Antimigraine	4
Antimitotic	2
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	12

<b>Activity</b>	<b>Chemical Count</b>
Antimyalgic	1
Antimyocarditic	1
Antineoplastic	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineuropathic?	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	6
Antinyctalopic	1
Antiobesity	6
Antionychyotic	1
Antiophidic	2

<b>Activity</b>	<b>Chemical Count</b>
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiotitic	1
Antiototic	1
Antioxidant	15
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontitic	3
Antiperistaltic	1
Antiperoxidant	2
Antipharyngitic	2
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	4
Antiplasmodial	4
Antiplatelet	1

<b>Activity</b>	<b>Chemical Count</b>
AntiPMS	4
Antipneumonic	2
Antipodriac	1
Antipolio	1
Antipoliomyelitic	2
Antiporphyrin	1
Antiprolactin	1
Antiproliferant	7
Antiprostaglandin	3
Antiprostatic	1
Antiprotozoal	1
Antipsoriac	1
Antipurpuric	1
Antipyretic	4
Antiradicular	7
AntiRaynaud's	3
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1

<b>Activity</b>	<b>Chemical Count</b>
Antirheumatic	7
Antirhinitic	3
Antirhinoviral	1
Antisalmonella	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	16
Antiserotonin	1
Antishingles	1
Antisilicotic	1
Antisinusitic	2
Antispare-Tire	1
Antispasmodic	27
Antispasmophilic	1
Antistaphylococcic	7
Antisteatotic	1
Antistomatitic	2
Antistreptococcic	1
Antistress	5
Antistroke	2

<b>Activity</b>	<b>Chemical Count</b>
Antisunburn	2
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	3
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	15
Antitumor (brain)	2
Antitumor (Breast)	4
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Kidney)	1
Antitumor (Liver)	1
Antitumor (Lung)	5



<b>Activity</b>	<b>Chemical Count</b>
Antitumor (Ovary)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	3
Antitumor (Skin)	4
Antitumor (Stomach)	3
Antitumor (Thyroid)	1
Antitumor-Promoter	4
Antitussive	3
Antiulcer	11
Antiulcerogenic	2
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	12
Antiviral?	1
Antixerophthalmic	1
Antiyeast	1
Anxiolytic	7
AP-1-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Aphidifuge	1
Apoptotic	8
Aromatase-Inhibitor	2
Arteriodilator	1
Asthma-preventive	1
Astringent	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	3
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	4
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	17
Candidicide	8
Candidistat	1
Capillariprotective	1
Carcinogenic	4

<b>Activity</b>	<b>Chemical Count</b>
Cardiac	1
Cardiodepressant	1
Cardiomyopathogenic	1
Cardioprotective	8
Cardiotoxic	1
Catabolic	1
Cerebrotonic	1
Chelator	1
Chemopreventive	6
Cholagogue	4
Choleretic	9
Cholesterolytic	2
Cholinergic	1
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	3
CNS-Stimulant	4
CNS-Toxic	1
Co-carcinogenic	1

<b>Activity</b>	<b>Chemical Count</b>
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	1
Collagenic	2
Colorant	1
Convulsant	4
Copper-Antagonist	1
Counterirritant	2
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-Inducer	2
Cytoprotective	2
Cytotoxic	4
Decongestant	2
Degranulant	2
Deiodinase-Inhibitor	2
Dentifrice	2
Deodorant	1

<b>Activity</b>	<b>Chemical Count</b>
Depressant	1
Detoxicant	2
Detoxicant (Alcohol)	1
Differentiator	2
Diuretic	8
DNA-Active	1
DNA-Protective	2
Edemagenic	2
Emetic	1
Encephalopathic	1
Energizer	1
Enterocontractant	2
Epileptigenic	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	2
Estrogenic?	1
Expectorant	6
Fibrinolytic	1
Fistula-Preventive	1

<b>Activity</b>	<b>Chemical Count</b>
FLavor	14
Fungicide	12
Fungiphilic	1
Fungistat	1
Gastroprotective	3
Glucosyl-Transferase-Inhibitor	1
Gram(+)-icide	2
Gram(-)-icide	2
GST-Inducer	1
Hemostat	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	10
Hepatoregenerative	1
Hepatotonic	2
Hepatotoxic	1
Hepatotropic	2
Herbicide	11
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	1

<b>Activity</b>	<b>Chemical Count</b>
Histaminic	1
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypertensive	1
Hypocholesterolemic	8
Hypocholesterolemic?	1
Hypoglycemic	5
Hypolipidemic	2
Hypotensive	13
Hypothermic	1
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Ileorelaxant	1
Immunomodulator	7
Immunostimulant	7
Immunosuppressant	2
Inflammatory	2
Inhalant	1
iNOS-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Inotropic	1
Insect-Repellent	1
Insecticide	4
Insectifuge	13
Insectiphile	2
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	8
Juvabional	2
Larvostat	1
Laxative	4
Leptingenic	1
Leukotriene-Inhibitor	1
Lipolytic	1
Lipotropic	2
Lipoxygenase-Inhibitor	5
Lithogenic	1



<b>Activity</b>	<b>Chemical Count</b>
Litholytic	1
Lyase-Inhibitor	1
MAO-Inhibitor	3
MAPK-Inhibitor	2
Memorigenic	2
Metal-Chelator	2
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	2
Mucolytic	1
Musculotropic	2
Mutagenic	2
Myoprotective	1
Myorelaxant	10
NADH-Oxidase-Inhibitor	1
Nematicide	6
NEP-Inhibitor	1
Neuroprotective	1
Neurotoxic	3
Neurotransmitter	1

<b>Activity</b>	<b>Chemical Count</b>
NF-kB-Inhibitor	4
NO-Genic	1
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1
Oviposition-Stimulant	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	3
P450-Inducer	3
PAF-Inhibitor	1
Parasympathomimetic	1
Pediculicide	2
Perfume	2
Perfumery	15
Peristaltic	1
Pesticide	37
Phagocytotic	2

<b>Activity</b>	<b>Chemical Count</b>
Pheromonal	1
Pheromone	2
Photoactive	2
Photosensitizer	1
Phytoalexin	1
Phytohormonal	1
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	2
Preservative	1
Progestational	1
Proliferant	1
Prooxidant	3
Prostaglandigenic	2
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	3
Protisticide	1
Psychotropic	1
PTK-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Quinone-Reductase-Inducer	1
Radioprotective	2
Rubefacient	2
Secretagogue	2
Sedative	10
Serotonergic	1
Spasmogenic	7
Spermigenic	1
Stomachic	1
Succinoxidase-Inhibitor	1
Sunscreen	5
Surfactant	2
Sweetener	1
Taenicide	1
Testosterone-Hydroxylase-Inducer	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	2

<b>Activity</b>	<b>Chemical Count</b>
Tranquilizer	4
Transdermal	5
Trichomonicide	5
Tumorigenic	1
Ubiquiot	2
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Uterosedative	2
Uterotrophic	1
Vasodilator	9
Vasopressor	1
VEGF-Inhibitor	3
Vulnerary	4
Xanthine-Oxidase-Inhibitor	5