

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Ocimum tenuiflorum*

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	5
ABeta-Inhibitor	1
Abortifacient	2
Acaricide	4
ACE-Inhibitor	2
AChE-Inhibitor	1
Acidulant	2
Adenylate-Cyclase-Inhibitor	1
Aldose-Reductase-Inhibitor	5
Allelochemic	4
Allelopathic	4
Allergenic	10
Alpha-Reductase-Inhibitor	1
Analgesic	6
Androgenic	1
Androgenic?	1
Anemiagenic	1
Anesthetic	6
Angiogenic	1
Angiotensin-Receptor-Blocker	2
Anorexic	1
Anthelmintic	4
Antiacetylcholine	1
Antiacetylcholinesterase	3

Activity	Chemical Count
Antiacne	5
AntiADD	1
Antiadenomic	2
Antiaflatoxin	2
AntiAGE	1
Antiaggregant	6
Antiaging	3
Antiallergenic	1
Antiallergic	9
Antialopepic	3
Antialzheimeran	3
Antialzheimeran?	2
Antianaphylactic	3
Antiandrogenic	4
Antiangiogenic	3
Antianxiety	1
Antiarachidonate	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	5
Antiasthmatic	4
Antiatherogenic	1
Antiatherosclerotic	5
Antibacterial	24
Antibronchitic	2
Anticancer	6
Anticancer (Breast)	1

Activity	Chemical Count
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Lung)	2
Anticancer (Prostate)	1
Anticarcinogenic	1
Anticarcinomic	5
Anticariogenic	4
Anticataract	2
Anticatarrh	1
Anticervicaldysplasic	2
AntiCFS	1
Anticholestatic	1
Anticholinesterase	1
Anticholinesterase?	1
Anticlimacteric	2
Anticoagulant	1
Anticold	1
Anticomplement	2
Anticomplementary	3
Anticonvulsant	3
Anticoronary	2
AntiCrohn's	1
AntiCTS	1
Antidecubitic	1
Antidementia	1
Antidepressant	3
Antidermatic	1

Activity	Chemical Count
Antidermatitic	1
Antidiabetic	5
Antidiarrheic	2
Antidiuretic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	1
Antidote (Lead)	2
Antidote (Paraquat)	1
Antidote (Strychnine)	1
Antidysenteric	2
AntiEBV	2
Antieczemic	2
Antiedemic	7
Antiemetic	1
Antiencephalitic	1
Antiendometriotic	1
Antiescherichic	2
Antiesophagitic	1
Antiestrogenic	4
Antifatigue	2
Antifeedant	10
Antifertility	2
Antifibrinolytic	2
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	1
Antiflu	2

Activity	Chemical Count
Antigallstone	1
Antigastritic	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	1
Antigliomic	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
Antihalitotic	2
Antihangover	1
Antihelicobacter	2
Antihemolytic	1
Antihemorrhagic	1
Antihepatitic	1
Antihepatomic	1
Antihepatotoxic	6
Antiherpetic	6
Antihistaminic	6
AntiHIV	6
Antihyperkeratotic	1
Antihyperkinetic	1
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	5
Antihyperthyroid	1
Antiichthyotic	1

Activity	Chemical Count
Antiinfertility	1
Antiinflammatory	23
Antiinsomniac	1
Antiintegrase	1
Antischematic	1
Antikeratotic	1
Antilaryngitic	1
Antileishmanic	2
Antileptic	1
Antileukemic	5
Antileukoplakic	1
Antileukotriene	2
Antileukotriene-D4	3
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	2
Antilithic?	1
Antilupus	1
AntiLyme	1
Antilymphomic	4
Antimaculitic	2
Antimalarial	3
Antimastitic	1
Antimeasles	1
Antimelanomic	3
Antimenopausal	2
Antimenorrhagic	2

Activity	Chemical Count
Antimetastatic	3
Antimetastatic (Stomach)	1
Antimigraine	1
Antimitotic	1
AntiMS	1
Antimutagenic	13
Antinephritic	4
Antineuralgic	1
Antineuramidase	1
Antinitrosaminic	2
Antinitrosating	1
Antinitrosic	1
Antinociceptive	3
Antiobesity	4
Antiobesity?	1
Antiophidic	2
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	3
Antiotitic	2
Antioxidant	24
Antioxidant (LDL)	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	1
Antiparotitic	1
Antiperiodontic	1

Activity	Chemical Count
Antiperiodontitic	2
Antiperistaltic	1
Antiperoxidant	3
Antiperoxynitrite	1
AntiPGE2	1
Antipharyngitic	1
Antiphotophobic	1
Antipityriasic	1
Antiplaque	4
Antiplasmodial	2
AntiPMS	2
Antipneumonic	2
Antipodriac	1
Antipolio	1
Antipoliomyelitic	1
Antiporphyric	1
Antiprogestational	1
Antiproliferant	6
Antiproliferative	1
Antiprostaglandin	4
Antiprostataadenomic	1
Antiprostatitic	3
Antiprostatotic	1
Antiproteolytic	1
Antipruritic	1
Antipsoriac	1
Antipulmonotic	1

Activity	Chemical Count
Antipyretic	4
Antiradicular	7
AntiRaynaud's	1
Antirenitic	1
Antiretinotic	1
Antirheumatic	4
Antirhinitic	2
Antirhinoviral	1
Antisalmonella	3
Antisarcomic	1
Antiscorbatic	1
Antiseptic	15
Antishingles	1
Antishock	2
Antisinusitic	1
Antispasmodic	16
Antistaphylococcic	6
Antistreptococcic	1
Antistress	4
Antisyncopic	1
Antisyndrome-X	1
AntiTGF-beta	2
Anti thromboxane	2
Antithyrotropic	1
Antithyroid	2
Antitic	1
AntiTNF	1

Activity	Chemical Count
Antitrypanosomic	1
Antitumor	12
Antitumor (brain)	2
Antitumor (Breast)	6
Antitumor (Cervix)	3
Antitumor (CNS)	1
Antitumor (Colon)	7
Antitumor (Gastric)	1
Antitumor (Kidney)	2
Antitumor (Liver)	1
Antitumor (Lung)	8
Antitumor (Ovary)	3
Antitumor (Pancreas)	3
Antitumor (Prostate)	2
Antitumor (Skin)	4
Antitumor (Stomach)	4
Antitumor (Thyroid)	1
Antitumor-Promoter	2
Antitussive	5
Antiulcer	12
Antiuremic	1
Antivaginitic	1
Antiviral	14
Antixerophthalmic	1
Antiyeast	2
Anxiolytic	4
Aphidifuge	1

Activity	Chemical Count
Apifuge	1
Apoptotic	9
Aromatase-Inhibitor	4
Artemicide	1
Asthma-preventive	1
Astringent	1
Bacteriostatic	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	3
Beta-Glucuronidase-Inhibitor	5
Bronchoprotectant	1
Bronchorelaxant	1
Calcium-Antagonist	8
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	25
Candidicide	7
Candidistat	1
Carcinogenic	6
Carcinogenic?	1
Cardioprotective	4
Cardiotonic	2
Carminative	3
Caspase-3-Inducer	1
Caspase-8-Inducer	1

Activity	Chemical Count
Chelator	1
Chemopreventive	6
Choleretic	7
Cholesterolytic	1
CNS-Depressant	4
CNS-Stimulant	3
CNS-Toxic	1
Cold-preventive	1
Coleoptophile	1
Collagenic	1
Colorant	1
Comedolytic	1
Convulsant	2
Corrosive	1
Cosmetic	2
Counterirritant	3
COX-1-Inhibitor	6
COX-2-Inhibitor	8
Cyclin-B1-Inhibitor	1
Cyclin-D1-Inhibitor	1
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1
Cytotoxic	6
Decongestant	3
Degranulant	1

Activity	Chemical Count
Deiodinase-Inhibitor	3
Deliriant	1
Demulcent	1
Dentifrice	1
Deodorant	1
Dermatitigenic	2
Detoxicant	2
Diagnostic	1
Differentiator	2
Diuretic	8
DNA-Binder	3
DNA-Protective	1
Dye	1
Ecbolic	1
Edemagenic	1
Elastase-Inhibitor	2
Emetic	1
Enterocontractant	1
Enterorelaxant	2
Epileptigenic	1
Estrogenic	6
Expectorant	9
Febrifuge	1
Fistula-Preventive	1
FLavor	18
Fungicide	14
Fungiphilic	1

Activity	Chemical Count
Fungistat	3
Fungitoxic	1
Gastroprotective	2
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	1
Glutathionigenic	2
Gonadotrophic	1
Gram(+)-icide	1
Gram(-)-icide	1
GST-Inducer	1
Hemolytic	1
Hepatocarcinogenic	2
Hepatoprotective	8
Hepatotonic	1
Herbicide	9
HIF-1alpha-Inhibitor	1
Histaminic	1
Hyaluronidase-Inhibitor	2
Hypercholesterolemic	1
Hypocholesterolemic	11
Hypocholesterolemic?	1
Hypoglycemic	3
Hypolipemic	1
Hypolipidemic	1
Hypotensive	9
Hypothermic	4
Hypotriglyceridemic	1

Activity	Chemical Count
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Immunomodulator	7
Immunostimulant	5
Immunosuppressant	1
Inflammatory	1
Inhalant	1
iNOS-Inhibitor	2
Inotropic	1
Insect-Repellent	2
Insecticide	6
Insectifuge	16
Insectiphile	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	2
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	13
Juvabional	1
Keratitigenic	1
Larvicide	1
Laxative	2
LDL-lytic	1
Leucocytogenic	2
Lipolytic	1
Lipoxygenase-Inhibitor	4

Activity	Chemical Count
Lithogenic	1
Lubricant	2
Lymphocytogenic	1
MAO-Inhibitor	2
MAPK-Inhibitor	2
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Motor-Depressant	1
Mucogenic	1
Mucolytic	2
Musculotropic	1
Mutagenic	2
Myorelaxant	9
NADH-Oxidase-Inhibitor	1
Narcotic	1
Nematicide	11
NEP-Inhibitor	1
Neuroprotective	1
Neurotoxic	2
NF-kB-Inhibitor	4
NO-Genic	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Nodulation-Signal	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	4

Activity	Chemical Count
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	4
P450-Inducer	2
Parasiticide	1
Pediculicide	1
Percutaneostimulant	1
Perfume	1
Perfumery	15
Peristaltic	1
Pesticide	32
Phagocytotic	2
Photosensitizer	1
Piscicide	2
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	1
Progestational	1
Proliferant	1
Prooxidant	1
Propecic	5
Prostaglandin-Inhibitor	1

Activity	Chemical Count
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychotropic	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	2
Radioprotective	4
Renoirritant	1
Respirainhibitor	1
Respirastimulant	1
Rubefacient	2
Secretagogue	1
Sedative	10
Soap	1
Sodium-Sparing	1
Spasmogenic	4
Spasmolytic	1
Spermicide	3
Stimulant	1
Stomachic	1
Succinoxidase-Inhibitor	1
Sunscreen	1
Suppository	1
Surfactant	1

Activity	Chemical Count
Teratogenic	1
Termiticide	2
Testosterone-Hydroxylase-Inducer	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	1
Toxic	1
Tracheorelaxant	1
Tranquilizer	3
Transdermal	5
Trichomonicide	5
Trichomonistat	1
Trypanocide	2
Trypsin-Enhancer	1
Tyrosinase-Inhibitor	1
Ubiquitot	2
Ulcerogenic	3
Uricosuric	1
Urinary-Acidulant	1
Uterotonic	1
Uterotrophic	1
Varroacide	1
Vasodilator	7
Vasopressor	2
VEGF-Inhibitor	2

Activity	Chemical Count
Vermicide	1
Vermifuge	2
Verrucolytic	2
Vibriocide	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	3