

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

Activity	Chemical Count
Pesticide	32
Cancer-Preventive	25
Antioxidant	24
Antibacterial	24
Antiinflammatory	23
FLavor	18
Antispasmodic	16
Insectifuge	16
Perfumery	15
Antiseptic	15
Fungicide	14
Antiviral	14
Antimutagenic	13
Irritant	13
Antiulcer	12
Antitumor	12
Nematicide	11
Hypocholesterolemic	11
Allergenic	10
Sedative	10
Antifeedant	10
Myorelaxant	9
Antiallergic	9
Hypotensive	9
Herbicide	9
Apoptotic	9
Expectorant	9

Activity	Chemical Count
Calcium-Antagonist	8
Antitumor (Lung)	8
COX-2-Inhibitor	8
Hepatoprotective	8
Diuretic	8
Candidicide	7
Antiedemic	7
Immunomodulator	7
Choleretic	7
Antitumor (Colon)	7
Antiradicular	7
Vasodilator	7
Antitumor (Breast)	6
Insecticide	6
Antiherpetic	6
Carcinogenic	6
AntiHIV	6
Antiproliferant	6
Estrogenic	6
Analgesic	6
Antihepatotoxic	6
Cytotoxic	6
Antihistaminic	6
Antistaphylococcic	6
Anticancer	6
Anesthetic	6
Antiaggregant	6

Activity	Chemical Count
COX-1-Inhibitor	6
Chemopreventive	6
Antiarthritic	5
Antihypertensive	5
Transdermal	5
Cyclooxygenase-Inhibitor	5
Beta-Glucuronidase-Inhibitor	5
Aldose-Reductase-Inhibitor	5
Antileukemic	5
Propecic	5
Antidiabetic	5
5-Alpha-Reductase-Inhibitor	5
Trichomonicide	5
Immunostimulant	5
Antiacne	5
Anticarcinomic	5
Antitussive	5
Antiatherosclerotic	5
Radioprotective	4
Ornithine-Decarboxylase-Inhibitor	4
Anxiolytic	4
Anthelmintic	4
Antitumor (Stomach)	4
Antirheumatic	4
Antipyretic	4
Hypothermic	4
Spasmogenic	4

Activity	Chemical Count
Antilymphomic	4
Acaricide	4
Cardioprotective	4
Aromatase-Inhibitor	4
Antiprostaglandin	4
Anticariogenic	4
NF-kB-Inhibitor	4
Antitumor (Skin)	4
Allelopathic	4
Antiandrogenic	4
P450-2B1-Inhibitor	4
Antiestrogenic	4
Antinephritic	4
Antiasthmatic	4
CNS-Depressant	4
Antiobesity	4
Antistress	4
Lipoxygenase-Inhibitor	4
Antiplateau	4
Antiarrhythmic	4
Allelochemic	4
Antianaphylactic	3
Antimetastatic	3
Antiangiogenic	3
Anticonvulsant	3
Antialopepic	3
Decongestant	3

Activity	Chemical Count
Antileukotriene-D4	3
Antinociceptive	3
Antiacetylcholinesterase	3
Counterirritant	3
Antitumor (Pancreas)	3
Antiperoxidant	3
DNA-Binder	3
Antimelanomic	3
CNS-Stimulant	3
Ulcerogenic	3
Deiodinase-Inhibitor	3
Antiaging	3
Fungistat	3
Spermicide	3
Antimalarial	3
Antitumor (Cervix)	3
Anticomplementary	3
Carminative	3
Antiprostatic	3
Tranquilizer	3
Prostaglandin-Synthesis-Inhibitor	3
Beta-Blocker	3
Xanthine-Oxidase-Inhibitor	3
Antitumor (Ovary)	3
Antidepressant	3
Antialzheimeran	3
Antiosteoporotic	3

Activity	Chemical Count
Hypoglycemic	3
Antisalmonella	3
Antifibrinolytic	2
Anticomplement	2
Trypanocide	2
ACE-Inhibitor	2
Antilithic	2
Cardiotonic	2
Antiophidic	2
Protein-Kinase-C-Inhibitor	2
Antihyperlipidemic	2
ICAM-1-Inhibitor	2
Antiadenomic	2
Anticataract	2
TNF-alpha-Inhibitor	2
Lubricant	2
Anticancer (Lung)	2
AntiPMS	2
Enterorelaxant	2
Vulnerary	2
Piscicide	2
Antibronchitic	2
Antidiarrheic	2
VEGF-Inhibitor	2
Antiperiodontitic	2
Differentiator	2
Acidulant	2

Activity	Chemical Count
P450-Inducer	2
Antifatigue	2
iNOS-Inhibitor	2
Anticlimacteric	2
Antithromboxane	2
Anticervicaldysplastic	2
Topoisomerase-I-Inhibitor	2
Antileishmanic	2
MAO-Inhibitor	2
Termiticide	2
Antidysenteric	2
Antihalitosis	2
Antitumor-Promoter	2
Elastase-Inhibitor	2
Antidote (Aluminum)	2
Vermifuge	2
Antiflu	2
Dermatitogenic	2
Rubefacient	2
Antifertility	2
Antitumor (brain)	2
Insect-Repellent	2
Antialzheimeran?	2
Antiotitic	2
Quinone-Reductase-Inducer	2
Glutathionigenic	2
Antilipoperoxidant	2

Activity	Chemical Count
Antiescherichic	2
Antithyroid	2
Mucolytic	2
(-)-Inotropic	2
Antinitrosaminic	2
Antiyeast	2
Antieczemic	2
Convulsant	2
Antihelicobacter	2
Antiplasmodial	2
Antidote (Lead)	2
Laxative	2
Hyaluronidase-Inhibitor	2
Vasopressor	2
Antimenorrhagic	2
Antioxidant (LDL)	2
Protisticide	2
Gastroprotective	2
Antileukotriene	2
AntiTGF-beta	2
IKK-Inhibitor	2
Antiaflatoxin	2
MMP-9-Inhibitor	2
NO-Inhibitor	2
Cosmetic	2
Antipneumonic	2
Leucocytogenic	2

Activity	Chemical Count
Mutagenic	2
Antigingivitic	2
Antirhinitic	2
Anticoronary	2
Ubiquot	2
PTK-Inhibitor	2
Abortifacient	2
(-)-Chronotropic	2
MAPK-Inhibitor	2
Neurotoxic	2
AntiEBV	2
Angiotensin-Receptor-Blocker	2
Anticancer (Cervix)	2
Antishock	2
Verrucolytic	2
Antitumor (Prostate)	2
Antimenopausal	2
Phagocytotic	2
Antitumor (Kidney)	2
Interleukin-6-Inhibitor	2
Detoxicant	2
Hepatocarcinogenic	2
Antimaculitic	2
Deliriant	1
Antiinfertility	1
Antipsoriac	1
Gonadotrophic	1

Activity	Chemical Count
P21-Inducer	1
Antiesophagitic	1
Antitic	1
Inflammatory	1
Antiallergenic	1
Cytochrome-P450-Inhibitor	1
Artemicide	1
Musculotropic	1
Anticholinesterase	1
Antiprostataadenomic	1
Fungitoxic	1
Tracheorelaxant	1
11B-HSD-Inhibitor	1
Antileukoplakic	1
Antisyndrome-X	1
Antinitrosating	1
Cyclin-B1-Inhibitor	1
Prostaglandin-Inhibitor	1
Metastatic	1
Antiporphyrin	1
Fistula-Preventive	1
Antikeratotic	1
NO-Genic	1
Corrosive	1
Preservative	1
Antihemolytic	1
Antiuremic	1

Activity	Chemical Count
Surfactant	1
Beta-Adrenergic Receptor Blocker	1
Antidote (Paraquat)	1
Hypolipidemic	1
Coleoptophile	1
Antigonadotropic	1
LDL-lytic	1
Antipharyngitic	1
Ecboic	1
Stimulant	1
Antiscorbutic	1
Hypercholesterolemic	1
Anemiagenic	1
Antigenotoxic	1
Soap	1
Antidementia	1
Hepatotonic	1
Uterotonic	1
Antimastitic	1
Cholesterolytic	1
Antifibrositic	1
Antitumor (CNS)	1
Insectiphile	1
Antiozenic	1
Dentifrice	1
Respirainhibitor	1
Antiinsomniac	1

Activity	Chemical Count
Gram(-)-icide	1
Tyrosinase-Inhibitor	1
Antilupus	1
Caspase-3-Inducer	1
Antitrypanosomic	1
Antiosteoarthritic	1
Psychotropic	1
Astringent	1
Antiprostatotic	1
Glaucomagenic	1
ABeta-Inhibitor	1
Osteolytic	1
Antiencephalitic	1
AntiAGE	1
Prostaglandin-Synthetase-Inhibitor	1
Apifuge	1
Motor-Depressant	1
Calcium-Channel-Blocker	1
NO-Synthase-Inhibitor	1
Antineuralgic	1
Proliferant	1
Antihepatic	1
Anticarcinogenic	1
Antipodriac	1
Neuroprotective	1
Antistreptococcic	1
Antimigraine	1

Activity	Chemical Count
Colorant	1
Plasmodicide	1
Lipolytic	1
Anticancer (Breast)	1
Antipityriasic	1
Succinoxidase-Inhibitor	1
Antishingles	1
Hypocholesterolemic?	1
Angiogenic	1
Antiglaucomic	1
Keratitigenic	1
Antiatherogenic	1
Antidermatic	1
Antirhinoviral	1
HIF-1alpha-Inhibitor	1
Varroacide	1
Antitumor (Gastric)	1
Interferonogenic	1
Antiarachidonate	1
Antiparkinsonian	1
AntiCrohn's	1
AntiRaynaud's	1
Hemolytic	1
Chelator	1
Pediculicide	1
Antiichthyotic	1
Barbituate-Synergist	1

Activity	Chemical Count
Anticold	1
Antipruritic	1
Trichomonistat	1
Ozone-Scavenger	1
Immunosuppressant	1
Antiobesity?	1
Cytochrome-P450-Inducer	1
Protease-Inhibitor	1
Antihyperkinetic	1
Anticholestatic	1
Toxic	1
Occuloirritant	1
Antisyncopic	1
Hypouricemic	1
AntiADD	1
Metalloproteinase-Inhibitor	1
Antipoliomyelitic	1
Febrifuge	1
Thymoprotective	1
Antiischemic	1
Bronchorelaxant	1
Anorexic	1
AntiMS	1
Potassium-Sparing	1
Lithogenic	1
Anticancer (Colon)	1
Enterocontractant	1

Activity	Chemical Count
Suppository	1
Narcotic	1
Antisinusitic	1
Hypolipemic	1
Vibriocide	1
Antigonadotrophic	1
AntiPGE2	1
Dye	1
Antisarcotic	1
Androgenic?	1
Cold-preventive	1
Photosensitizer	1
Antigastritic	1
Antitumor (Liver)	1
Iodothyronine-Deiodinase-Inhibitor	1
Antiarteriosclerotic	1
Antiperiodontic	1
Diagnostic	1
Antidecubitic	1
Antiretinotic	1
Urinary-Acidulant	1
Perfume	1
Antifibrosarcomic	1
Demulcent	1
Renoirritant	1
Antipulmonotic	1
Gram(+)icide	1

Activity	Chemical Count
Trypsin-Enhancer	1
AChE-Inhibitor	1
Antilithic?	1
AntiTNF	1
Inhalant	1
Antiorchitic	1
Antihyperlipoproteinaemic	1
Asthma-preventive	1
Anticholinesterase?	1
Candidostat	1
Osteogenic	1
Antiemetic	1
Antinitrosic	1
Cyclin-D1-Inhibitor	1
Aphidifuge	1
Anticatarrh	1
Antiprogestational	1
TOPO-2-Inhibitor	1
Antilaryngitic	1
Calcium-Antagonist?	1
Antiacetylcholine	1
Progestational	1
Antihemorrhagic	1
Antivaginitic	1
Lymphocytogenic	1
Anticancer (Prostate)	1
Epileptigenic	1

Activity	Chemical Count
Teratogenic	1
NEP-Inhibitor	1
Antidote (Strychnine)	1
Antimetastatic (Stomach)	1
Collagenic	1
PKC-Inhibitor	1
Antigranular	1
Antitumor (Thyroid)	1
Antiphotophobic	1
Edemagenic	1
Stomachic	1
Antidiuretic	1
Vermicide	1
Juvabional	1
Antiperistaltic	1
Sodium-Sparing	1
Uterotrophic	1
Alpha-Reductase-Inhibitor	1
Antimeasles	1
Peristaltic	1
Antifibrotic	1
Interferon-Synergist	1
Antianxiety	1
Antipapillomic	1
Deodorant	1
Respirastimulant	1
Antiintegrase	1

Activity	Chemical Count
GST-Inducer	1
Adenylate-Cyclase-Inhibitor	1
AntiLyme	1
Caspase-8-Inducer	1
Parasiticide	1
Inotropic	1
Degranulant	1
Antihyperthyroid	1
Bacteriostatic	1
Anticoagulant	1
Antiproteolytic	1
Glucosyl-Transferase-Inhibitor	1
Antilipolytic	1
Carcinogenic?	1
Oviposition-Stimulant	1
Antiendometriotic	1
Antithyreotropic	1
Cytochrome-P450-1A1-Inhibitor	1
Prostatitigenic	1
Antihyperkeratotic	1
Mucogenic	1
AntiCFS	1
Antiproliferative	1
Fungiphilic	1
Topoisomerase-II-Inhibitor	1
Antileptic	1
cAMP-Phosphodiesterase-Inhibitor	1

Activity	Chemical Count
Nodulation-Signal	1
Hypotriglyceridemic	1
Antineuramidase	1
Prooxidant	1
Antihepatomic	1
Antixerophthalmic	1
Antipolio	1
Testosterone-Hydroxylase-Inducer	1
Bronchoprotectant	1
Antimitotic	1
Comedolytic	1
Polyamine-Synthesis-Inhibitor	1
Antihangover	1
Emetic	1
Sunscreen	1
NADH-Oxidase-Inhibitor	1
Antidote (Cadmium)	1
Antigliomic	1
Larvicide	1
Antiperoxynitrite	1
DNA-Protective	1
Spasmolytic	1
Antidermatitic	1
Histaminic	1
Androgenic	1
CNS-Toxic	1
Antigallstone	1

Activity	Chemical Count
Antiparotitic	1
Secretagogue	1
AntiCTS	1
Antirenitic	1
Uricosuric	1
Percutaneostimulant	1