

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Ocimum basilicum***

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	4
ABeta-Inhibitor	1
Abortifacient	4
Acaricide	10
ACE-Inhibitor	7
AChE-Inhibitor	1
Acidulant	2
Additive	1
Adenylate-Cyclase-Inhibitor	1
Adjuvant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	19
Allelochemic	6

Activity	Chemical Count
Allelopathic	8
Allergenic	29
Alpha-Reductase-Inhibitor	1
Analgesic	23
Ancylostomicide	1
Androgenic	2
Androgenic?	1
Anemiagenic	1
Anesthetic	15
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Ankylostomacide	1
Anorexic	1
Anthelmintic	6
Antiacetylcholine	1
Antiacetylcholinesterase	12
Antiacid	1
Antiacne	11
Antiacrocyanotic	1
Antiacrodermatitic	1

Activity	Chemical Count
Antiacrodynamic	1
AntiADD	1
Antiadenomic	3
Antiadenoviral	1
Antiaflatoxin	4
AntiAGE	1
Antiaggregant	16
Antiaging	7
Antiakathisic	1
Antialcoholic	4
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergenic	1
Antiallergic	17
Antialopepic	6
Antialzheimeran	7
Antialzheimeran?	4
Antiamblyopic	1
Antianaphylactic	5

Activity	Chemical Count
Antiandrogenic	4
Antianemic	3
Antianginal	2
Antiangiogenic	5
Antianorectic	2
Antianorexic	1
Antianoxic	1
Antianxiety	3
Antiapoplectic	1
Antiapoptotic	1
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	8
Antiarteriosclerotic	2
Antiarthritic	15
Antiasthmatic	8
Antiasthmatic?	2
Antiatherogenic	3
Antiatherosclerotic	9
Antibacillary	2

Activity	Chemical Count
Antibacillus	1
Antibackache	1
Antibacterial	53
Antiberiberi	1
AntiBPH	1
Antibronchitic	5
Antiburn	1
Anticancer	14
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Lung)	2
Anticancer (Pancreas)	2
Anticancer (Prostate)	1
Anticanker	3
Anticapillary-Fragility	6
Anticarcinogenic	3
Anticarcinomic	5
Anticarcinomic (Breast)	1
Anticarcinomic (Colon)	1

Activity	Chemical Count
Anticarcinomic (Lung)	1
Anticardiospasmic	1
Anticariogenic	14
Anticarpal-Tunnel	1
Anticataract	9
Anticatarrh	2
Anticellulitic	2
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	2
Anticheilitic	2
Antichilblain	1
Anticholestatic	1
Anticholinesterase	4
Anticholinesterase?	1
Anticlastogen	2
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2

Activity	Chemical Count
Anticolic	1
Anticolitic	3
Anticollegenase	1
Anticomplement	2
Anticomplementary	4
Anticonvulsant	8
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
AntiCVS	2
Anticystitic	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	6
Antidepressant	8
Antidepressant?	1
Antidermatic	1
Antidermatitic	7

Activity	Chemical Count
Antidiabetic	12
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidiuretic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidote (Strychnine)	1
Antidysenteric	4
Antidysgeuzic	1
Antidyskinetic	2
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	3

Activity	Chemical Count
Antieczemic	4
Antiedemic	12
Antielastase	4
Antiemetic	1
Antiencephalitic	2
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antierythemic	3
Antiescherichic	8
Antiesophagitic	1
Antiestrogenic	5
Antifatigue	7
Antifeedant	18
Antifertility	4
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	2

Activity	Chemical Count
Antifibrositic	1
Antifibrotic	2
Antiflu	5
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	3
Antigastrotic	1
Antigenotoxic	3
Antigingivitic	3
Antiglaucomic	3
Antigliomic	1
Antiglossitic	1
Antiglutamaergic	1
Antigonadotrophic	1
Antigonadotropic	3
Antigranular	1
AntiGTF	1
Antihalitotic	4
Antihangover	4

Activity	Chemical Count
Antiheartburn	1
Antihelicobacter	3
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	4
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	2
Antihepatotoxic	10
Antiherpetic	13
Antiherpetic?	1
Antihistaminic	17
AntiHIV	9
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperglycemic	1

Activity	Chemical Count
Antihyperinsulinemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperleptinemic	1
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	10
Antihyperthyroid	2
Antihypoglycemic	1
Antihysterical	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	45
Antiinsomniac	5
Antiinsomnic	1
Antiintegrase	1
Antiischemic	1

Activity	Chemical Count
Antikeratitic	1
Antikeratotic	1
Antilaryngitic	2
AntiLegionella	1
Antileishmanic	4
Antilepric	3
Antileukemic	11
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	3
Antilisteria	2
Antilithic	4
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	6

Activity	Chemical Count
Antimaculitic	3
Antimalarial	7
Antimange	1
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	9
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	5
Antimetastatic (Stomach)	1
Antimigraine	5
Antimite	1
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2

Activity	Chemical Count
Antimutagenic	21
Antimyocarditic	2
Antimyopic	1
Antineoplastic	1
Antinephritic	6
Antinephrolytic	1
Antineuralgic	4
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	6
Antinitrosating	1
Antinitrosic	1
Antinociceptive	9
Antinyctalopic	2
Antiobesity	6
Antiobesity?	1

Activity	Chemical Count
Antiodontalgic	2
Antionychyotic	1
Antiophidic	4
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiotitic	2
Antiototic	1
Antioxidant	43
Antioxidant (LDL)	3
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipanniculopathic	2
Antipapillomic	1
Antiparkinsonian	5
Antiparotitic	1
Antipellagic	3
Antipeptic	3
Antiperiodontal	1

Activity	Chemical Count
Antiperiodontic	3
Antiperiodontitic	3
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	7
AntiPGE2	1
Antipharyngitic	3
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	10
Antiplasmodial	6
Antiplatelet	1
AntiPMS	5
Antipneumonic	2
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1

Activity	Chemical Count
Antiprolactin	1
Antiproliferant	12
Antiproliferative	2
Antiprostaglandin	6
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	6
Antiprostatotic	1
Antiproteolytic	1
Antiprotozoal	1
Antipruritic	4
Antipsoriac	2
Antipsychotic	1
Antipulmonotic	1
Antipurpuric	1
Antipyretic	10
Antiradicular	15
AntiRaynaud's	4
Antirenitic	1
Antiretardation	1

Activity	Chemical Count
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	9
Antirhinitic	3
Antirhinoviral	1
Antisalmonella	9
Antisarcomic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	2
Antisecretory	1
Antiseptic	36
Antiserotonin	1
Antishingles	1
Antishock	3
Antisickling	1
Antisinusitic	3
Antispare-Tire	1

Activity	Chemical Count
Antispasmodic	39
Antispasmophilic	1
Antistaphylococcic	17
Antistomatitic	2
Antistreptococcic	8
Antistress	5
Antistroke	2
Antisunburn	2
Antisyndrome-X	4
Antitartar	1
AntiTGF-beta	2
Antithiamin	2
Antithrombic	1
Antithrombogenic	1
Antithromboxane	2
Antithyreotropic	1
Antithyroid	4
Antitic	1
Antitinnitic	1
AntiTNF	3

Activity	Chemical Count
Antitrichinosic	1
Antitriglyceride	1
Antitrypanosomic	3
Antitubercular	1
Antituberculic	1
Antitumor	26
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	7
Antitumor (Cervix)	3
Antitumor (CNS)	1
Antitumor (Colon)	8
Antitumor (Gastric)	1
Antitumor (Kidney)	2
Antitumor (Liver)	1
Antitumor (Lung)	8
Antitumor (Ovary)	3
Antitumor (Pancreas)	4
Antitumor (Prostate)	2
Antitumor (Skin)	6

Activity	Chemical Count
Antitumor (Stomach)	4
Antitumor (Thyroid)	1
Antitumor-Promoter	7
Antitumor-Promoter?	1
Antitussive	6
Antiulcer	26
Antiulcerogenic	1
Antiuremic	2
Antivaccinia	1
Antivaginitic	2
Antivaricose	2
Antivertigo	1
Antiviral	22
Antiviral?	1
Antivulvitic	1
Antixerophthalmic	1
Antiyeast	3
Anxiolytic	8
Aphidifuge	2
Aphrodisiac	1

Activity	Chemical Count
Apifuge	1
Apoptotic	14
Aromatase-Inhibitor	5
Artemicide	2
Ascaricide	1
Asthma-preventive	1
Astringent	1
Ataxigenic	1
ATPase-Inhibitor	1
Bacteriostatic	1
Bacteristat	4
Barbituate-Synergist	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	4
Beta-Glucuronidase-Inhibitor	5
Bradycardiac	1
Bradycardic	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1

Activity	Chemical Count
Bronchorelaxant	2
Bronchorrhoeic	1
Bruchifuge	1
Bruchiphobe	1
Calcium-Antagonist	14
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	4
Cancer-Preventive	53
Candidicide	19
Candidistat	4
Capillarigenic	1
Capillariprotective	2
Carcinogenic	12
Carcinogenic?	1
Cardiodepressant	2
Cardioprotective	8
Cardiotonic	5
Cardiotoxic	1

Activity	Chemical Count
Carminative	10
Caspase-3-Inducer	1
Caspase-8-Inducer	1
Catabolic	2
Cerebrotoxic	1
Chelator	1
Chemopreventive	10
Cholagogue	1
Choleretic	16
Cholesterolytic	1
Cicatrizant	2
Ciliotoxic	1
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	8
CNS-Inhibitor	1
CNS-Stimulant	8
CNS-Toxic	1
Co-carcinogenic	1

Activity	Chemical Count
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	1
Collagenic	2
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Congestant	1
Contraceptive	1
Controlled	1
Convulsant	4
Copper-Antagonist	1
Copper-Chelator	2
Cosmetic	7
Counterirritant	6
COX-1-Inhibitor	5
COX-2-Inhibitor	10
Culicide	3
Cyclin-B1-Inhibitor	1
Cyclin-D1-Inhibitor	1

Activity	Chemical Count
Cyclooxygenase-Inhibitor	8
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	5
Cytochrome-P450-Inhibitor	1
Cytochrome-P488-Inducer	1
Cytoprotective	2
Cytotoxic	15
Decongestant	3
Decongestant?	1
Degranulant	2
Deiodinase-Inhibitor	4
Deliriant	1
Demulcent	1
Dentifrice	3
Deodorant	3
Dermatitigenic	7
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1

Activity	Chemical Count
Diaphoretic	2
Diaphoretic?	3
Differentiator	3
Digestive	1
Diuretic	16
DNA-Active	1
DNA-Binder	4
DNA-Protective	2
Dye	2
Ecbolic	1
Edemagenic	2
Elastase-Inhibitor	2
Embryotoxic	1
Emetic	4
Emmenagogue	2
Enterocontractant	1
Enterorelaxant	4
Enterotoxic	1
Epileptigenic	1
Ergogenic	1

Activity	Chemical Count
Essential	8
Estrogenic	11
Estrogenic?	1
Expectorant	16
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	48
Fungicide	36
Fungiphilic	1
Fungistat	4
GABA-nergic	1
Gastroirritant	1
Gastroprotective	4
Gastrosedative	1
Gastrostimulant	1
Glaucomagenic	1
Glucosyl-Transferase-Inhibitor	2
Glutathionigenic	3
Goitrogenic	1

Activity	Chemical Count
Gonadotrophic	1
Gram(+)icide	3
Gram(-)icide	3
GST-Inducer	1
Hemolytic	1
Hemostat	3
Hepatocarcinogenic	4
Hepatomagenic	2
Hepatoprotective	17
Hepatoregenerative	1
Hepatotonic	2
Hepatotoxic	3
Hepatotropic	1
Herbicide	16
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	1
Histaminic	1
HIV-RT-Inhibitor	2
Hyaluronidase-Inhibitor	2
Hypercholesterolemic	1

Activity	Chemical Count
Hypertensive	5
Hyperthermic	1
Hypnotic	2
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	17
Hypocholesterolemic?	1
Hypoglycemic	7
Hypolipemic	1
Hypolipidemic	2
Hypotensive	17
Hypothermic	6
Hypouricemic	1
ICAM-1-Inhibitor	3
IKK-Inhibitor	2
Immunomodulator	10
Immunostimulant	8
Immunosuppressant	2
Inflammatory	2
Inhalant	1

Activity	Chemical Count
iNOS-Inhibitor	4
Inotropic	3
Insect-attractant	1
Insect-Repellent	2
Insecticide	19
Insectifuge	28
Insectiphile	5
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	3
Iodothyronine-Deiodinase-Inhibitor	2
Irritant	27
JNK-Inhibitor	1
Juvabional	5
Keratitigenic	1
Lactagogue	1
Larvicide	6

Activity	Chemical Count
Larvostat	2
Laxative	5
Leptogenic	1
Leucocytogenic	3
Leukotriene-Inhibitor	1
Lipolytic	1
Lipotropic	1
Lipoxygenase-Inhibitor	13
Lithogenic	1
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	3
MAPK-Inhibitor	2
Mast-Cell-Stabilizer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
Metastatic	1

Activity	Chemical Count
Microvasculokinetic	2
MMP-9-Inhibitor	3
Molluscicide	1
Monoamine-Precursor	2
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	7
Motor-Stimulant	1
Mucogenic	2
Mucolytic	2
Musculotropic	4
Mutagenic	8
Mycobactericide	1
Myoprotective	1
Myorelaxant	17
NADH-Oxidase-Inhibitor	2
Narcotic	2
Natriuretic	1
Nematicide	28
Nematistat	1

Activity	Chemical Count
NEP-Inhibitor	2
Nephroprotective	1
Neurodepressant	1
Neuroexcitant	1
Neurogenic	1
Neuroinhibitor	1
Neuropathogenic	1
Neuroprotective	4
Neurotoxic	5
Neurotransmitter	1
NF-kB-Inhibitor	6
NO-Genic	2
NO-Inhibitor	4
NO-Scavenger	1
NO-Synthase-Inhibitor	2
Nociceptive	1
Nodulation-Signal	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	6
Osteogenic	1

Activity	Chemical Count
Osteolytic	1
Oviposition-Stimulant	2
Ovulant	1
Oxidant	2
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	5
P450-Inducer	6
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Pediculicide	3
Percutaneostimulant	1
Perfume	3
Perfumery	47
Peristaltic	1
Pesticide	76
PGE2-Inhibitor	1
Phagocytotic	2
Pheromonal	1

Activity	Chemical Count
Pheromone	1
Phospholipase-Inhibitor	1
Photosensitizer	1
Piscicide	2
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Progestational	1
Prolactinogenic	1
Proliferant	2
Prooxidant	4
Propepic	4
Prostaglandigenic	2
Prostaglandin-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	5
Prostaglandin-Synthetase-Inhibitor	1
Prostatitigenic	1
Protease-Inhibitor	1

Activity	Chemical Count
Protein-Kinase-C-Inhibitor	3
Protisticide	5
Psychoactive	2
Psychotropic	1
PTK-Inhibitor	3
Quinone-Reductase-Inducer	4
Radioprotective	4
Refrigerant	1
Renoirritant	1
Respirainhibitor	1
Respirastimulant	1
Roborant	1
Rubefacient	5
Schizophrenigenic	1
Secretagogue	3
Secretolytic	2
Sedative	32
Serotoninergetic	2
Soap	1
Sodium-Sparing	1

Activity	Chemical Count
Spasmogenic	7
Spasmolytic	1
Spermicide	3
Spermigenic	2
Sprout-Inhibitor	1
Stimulant	1
Stomachic	1
Succinoxidase-Inhibitor	1
Sunscreen	7
Suppository	1
Surfactant	2
Sweetener	2
Sympathomimetic	1
Teratogenic	1
Teratologic	2
Termiticide	5
Termitifuge	2
Testosterone-Hydroxylase-Inducer	2
Testosterone-Inducer	1
Testosteronigenic	1

Activity	Chemical Count
Thymoprotective	1
TNF-alpha-Inhibitor	5
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	4
Topoisomerase-II-Inhibitor	5
Toxic	4
Tracheorelaxant	2
Tranquilizer	5
Transdermal	8
Tremorigenic	1
Trichomonicide	16
Trichomonistat	2
Trypanocide	2
Trypsin-Enhancer	1
Tumor-Promoter	3
Tumorigenic	3
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	2
Ulcerogenic	3

Activity	Chemical Count
Uricosuric	2
Urinary-Acidulant	1
Urinary-Antiseptic	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterotonic	1
Uterotrophic	2
UV-Screen	2
Varroacide	3
Vasoactive	1
Vasodilator	14
Vasopressor	3
Vasoprotective	3
VEGF-Inhibitor	3
Vermicide	2
Vermifuge	2
Verrucolytic	2
Vibriocide	2
Vulnerary	6

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	7