

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Coriandrum sativum

Activity	Chemical Count
(-)-Chronotropic	3
(-)-Inotropic	3
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	5
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Absorbent	1
Acaricide	7
ACE-Inhibitor	7
Acetylcholinergic	1
AChE-Inhibitor	1
Acidulant	2
Adjuvant	1
Aggregant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	20
Allelochemic	9
Allelopathic	8
Allergenic	24
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amphetaminagenic	1
Amphiglycemic?	1
Analgesic	17
Ancylostomicide	1
Androgenic	2
Androgenic?	1

Activity	Chemical Count
Anemiagenic	1
Anesthetic	8
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Ankylostomacide	1
Anorexic	1
Anthelmintic	5
Antiacetylcholine	1
Antiacetylcholinesterase	10
Antiacid	1
Antiacne	11
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2
Antiadenomic	2
Antiadenoviral	1
Antiadrenalinic	1
Antiadrenergic	1
Antiaflatoxin	7
AntiAGE	2
Antiaggregant	10
Antiaging	6
Antiakathisic	1
Antialcoholic	5
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1

Activity	Chemical Count
Antiallergic	10
Antialopepic	4
Antialzheimeran	6
Antialzheimeran?	2
Antiamblyopic	2
Antianaphylactic	3
Antiandrogenic	4
Antianemic	3
Antianginal	2
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiapertif	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	7
Antiartherosclerotic	2
Antiarthritic	10
Antiasthmatic	9
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	8
Antibacillary	1
Antibackache	1
Antibacterial	43
Antiberiberi	1

Activity	Chemical Count
AntiBPH	1
Antibronchitic	3
Antibronchoconstrictor	1
Anticancer	9
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	2
Anticancer (Forestomach)	2
Anticancer (Liver)	2
Anticancer (Lung)	2
Anticancer (Pancreas)	1
Anticancer (Skin)	2
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	3
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	9
Anticarpal-Tunnel	1
Anticataract	8
Anticatarrh	1
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1

Activity	Chemical Count
Anticholinergic	1
Anticholinesterase	2
Antichoreic	1
Anticirrhotic	1
Anticirrhotic?	1
Anticlastogen	3
Anticlimacteric	3
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	3
Anticomplementary	2
Anticonvulsant	8
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystinuric	1
Anticystitic	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	7
Antidepressant	10
Antidepressant?	1
Antidermatitic	6

Activity	Chemical Count
Antidermatic?	1
Antidiabetic	15
Antidiabetic?	1
Antidiarrheic	3
Antidiscotic	1
Antidiuretic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Iodine)	1
Antidote (Lead)	3
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	3
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	2
Antieczemic	4
Antiedemic	11
Antielastase	3
Antiemetic	1
Antiencephalitic	2
Antiencephalopathic	7

Activity	Chemical Count
Antiencephalopathic?	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	5
Antierythemic	1
Antiescherichic	3
Antiesophagitic	1
Antiestrogenic	4
Antifatigue	8
Antifeedant	18
Antifertility	2
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	2
Antiflu	6
Antifuruncular	1
Antigallstone	2
Antigastric	1
Antigastritic	4
Antigastrotic	1
Antigenotoxic	2
Antigingivitic	1
Antiglaucomic	3
Antiglossitic	1

Activity	Chemical Count
Antiglutamaergic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigranular	1
AntiGTF	1
Antihalitotic	2
Antihangover	5
Antiheartburn	1
Antihelicobacter	2
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	12
Antiherpetic	11
Antiherpetic?	2
Antihiccup	1
Antihistaminic	12
AntiHIV	6
Antihomocysteine	1
Antihomocystinuric	1
Antihydrophobic	1
Antihyperactivity	1

Activity	Chemical Count
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	10
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiileus	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	34
Antiinflammatory?	1
Antiinsomniac	4
Antiinsomnic	1
Antiischemic	1
Antijet-lag	1
Antikeratitic	1
Antikeratotic	1
Antiketotic	2
Antilaryngitic	1
AntiLegionella	3
Antileishmanic	2
Antileptic	3
Antileucodermic	1

Activity	Chemical Count
Antileukemic	10
Antileukodermic	2
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	2
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	5
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphomic	5
Antimaculitic	3
Antimalarial	3
Antimange	1
Antimanic	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	3
Antimelanomic	5
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	5

Activity	Chemical Count
Antimetastatic (Stomach)	1
Antimigraine	5
Antimite	1
Antimitotic	5
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	2
Antimutagenic	24
Antimycotic	1
Antimyocarditic	2
Antinauseant	1
Antineoplastic	1
Antinephritic	3
Antinephrolytic	1
Antinesidioblastosic	1
Antineuralgic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	2
Antineuropathic	2
Antineurotic	1
Antinitrosaminic	8
Antinitrosic	1
Antinociceptive	8
Antinyctalopic	1
Antiobesity	7
Antionychyotic	1

Activity	Chemical Count
Antiophidic	5
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiotitic	2
Antiototic	1
Antioxidant	38
Antioxidant (LDL)	1
Antioxidant?	2
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	6
Antiparotitic	1
Antipellagic	3
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	2
Antipermeability	1
Antiperoxidant	7
Antipharyngitic	2
Antiphenylketonuric	2
Antiphotophobic	2
Antipityriasic	2
Antiplaque	5

Activity	Chemical Count
Antiplasmodial	2
Antiplatelet	2
AntiPMS	5
Antipneumonic	2
Antipodriac	2
Antipolio	2
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	8
Antiproliferative	1
Antiprostaglandin	5
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	6
Antiprostatic	1
Antiprotozoal	1
Antipruritic	3
Antipsoriac	6
Antipsychotic	1
Antipurpuric	1
Antipyretic	3
Antiradicular	15
AntiRaynaud's	3
Antirenetic	1
Antiretardation	1

Activity	Chemical Count
Antiretinopathic	1
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	7
Antirhinitic	2
Antisalmonella	4
Antiscleromyxoedemic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	24
Antiserotonin	1
Antishingles	1
Antishock	1
Antisickling	4
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	34
Antispasmophilic	1
Antistaphylococcic	10
Antisteatotic	1
Antistomatitic	2
Antistreptococcic	5
Antistress	6
Antistroke	2
Antisunburn	3
Antisyndrome-X	5

Activity	Chemical Count
Antitachycardic	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithyroid	4
Antititic	1
Antitinnitic	1
Antitrichinosic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	2
Antitumor	22
Antitumor (Bladder)	1
Antitumor (Breast)	5
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	8
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	5
Antitumor (Mouth)	1
Antitumor (Ovary)	1
Antitumor (Pancreas)	2
Antitumor (Prostate)	3
Antitumor (Skin)	7
Antitumor (Stomach)	2

Activity	Chemical Count
Antitumor-Promoter	11
Antitussive	5
Antiulcer	19
Antiulcerogenic	1
Antiuremic	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	2
Antivertigo	1
Antiviral	20
Antiviral?	1
Antivertigic	3
Antixerophthalmic	1
Antiyeast	2
Anxiolytic	7
Aphidifuge	1
Aphrodisiac	1
Apoptotic	8
Aromatase-Inhibitor	1
Artemicide	4
Arteriodilator	1
Ascaricide	2
Asthma-preventive	1
Astringent	1
Ataxigenic	1
Atherogenic	1
ATPase-Inhibitor	1

Activity	Chemical Count
Autotoxic	1
Bacteriophagicide	1
Bacteriostatic	1
Bacteristat	1
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2
Bradycardiac	1
Bronchoprotectant	1
Bronchorelaxant	2
Bufocide	1
Calcium-Antagonist	10
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	44
Candidicide	11
Candidistat	3
Capillarigenic	1
Capillariprotective	2
Carcinogenic	8
Carcinogenic?	1
Cardiac	1
Cardiodepressant	2
Cardiomyopathogenic	1

Activity	Chemical Count
Cardioprotective	9
Cardiotoxic	1
Carminative	4
Caspase-8-Inducer	1
Catabolic	2
Cerebrostimulant	1
Cerebrotonic	1
Chelator	1
Chemopreventive	10
Cholagogue	4
Choleretic	12
Cholesterolytic	1
Cholinergic	1
Cicatrizant	1
Circulotonic	1
Clastogenic	3
CNS-Active	2
CNS-Depressant	6
CNS-Paralytic	1
CNS-Stimulant	7
CNS-Toxic	1
Co-carcinogenic	1
Cold-preventive	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1

Activity	Chemical Count
Colorant	1
Comedolytic	1
COMT-Inhibitor	1
Contraceptive	2
Convulsant	2
Copper-Antagonist	1
Copper-Chelator	1
Cosmetic	3
Counterirritant	3
COX-1-Inhibitor	2
COX-2-Inhibitor	4
Culicide	2
Cyclooxygenase-Inhibitor	4
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	1
Cytoprotective	2
Cytotoxic	9
Cytotoxic (Breast)	2
Cytotoxic (Colon)	2
Cytotoxic (Lung)	2
Decongestant	2
Degranulant	1
Deiodinase-Inhibitor	2
Deliriant	1
Demulcent	2

Activity	Chemical Count
Dentifrice	2
Deodorant	3
Dermal	1
Dermatitigenic	4
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	2
Differentiator	2
Diuretic	12
DME-Inhibitor	1
DNA-Active	1
DNA-Protective	2
Dye	1
Ecbolic	1
Edemagenic	1
Embryotoxic	1
Emetic	5
Emollient	1
Encephalopathic	1
Energizer	1
Enterocontractant	1
Enterorelaxant	1
Enterotoxic	1
Epileptigenic	1
Ergogenic	1
Erythrocytogenic	1

Activity	Chemical Count
Essential	8
Estrogenic	7
Estrogenic?	1
Expectorant	12
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatugenic	1
FLavor	36
Fungicide	33
Fungiphilic	1
Fungistat	4
GABA-nergic	1
Gastroirritant	1
Gastroprotective	3
Genotoxic	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Glutathionigenic	2
Gonadotrophic	1
Gram(+)icide	2
Gram(-)icide	2
GST-Inducer	1
Hallucinogenic	1
Hemolytic	1
Hemostat	3

Activity	Chemical Count
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	16
Hepatotonic	1
Hepatotoxic	3
Hepatotropic	2
Herbicide	15
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	2
HIV-RT-Inhibitor	1
Hormonal	1
Hyaluronidase-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	1
Hypertensive	1
Hypertrichotic	1
Hypnotic	3
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	16
Hypocholesterolemic?	1
Hypoglycemic	12
Hypolipidemic	3
Hypotensive	19

Activity	Chemical Count
Hypothermic	2
Hypouricemic	1
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Ileorelaxant	1
Immunomodulator	8
Immunostimulant	8
Immunosuppressant	4
Inflammatory	1
Inhalant	1
iNOS-Inhibitor	2
Inotropic	2
Insect-Repellent	3
Insecticide	15
Insecticide-Synergist	2
Insectifuge	24
Insectiphile	6
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	4
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	2
Interleukin-6-Inhibitor	3
Irritant	19
Juvabional	3
Keratitigenic	1

Activity	Chemical Count
Larvicide	4
Larvostat	3
Laxative	8
Leptogenic	1
Leukotriene-Inhibitor	2
Lipolytic	3
Lipotropic	2
Lipoxygenase-Inhibitor	8
Lithogenic	1
Litholytic	1
Lubricant	3
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-B-Inhibitor	1
MAO-Inhibitor	4
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Melaninogenic	1
Melatoninogenic	1
Memorigenic	2
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
Miotic	1
MMP-9-Inhibitor	1

Activity	Chemical Count
Molluscicide	4
Monoamine-Precursor	3
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	3
Mucogenic	2
Mucolytic	2
Musculotropic	2
Mutagenic	6
Mycobactericide	1
Myocontractant	1
Myopic	1
Myoprotective	1
Myorelaxant	11
Myotonic	1
NADH-Oxidase-Inhibitor	2
Nematicide	15
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	2
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	2
Neurotoxic	3
Neurotransmitter	2
NF-kB-Inhibitor	3
NO-Genic	3

Activity	Chemical Count
NO-Inhibitor	1
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	7
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	2
Ovulant	1
Oxidant	2
Oxytotic	1
Ozone-Scavenger	1
P21-Inducer	1
P450-2B1-Inhibitor	4
P450-Inducer	3
P450-Inhibitor	1
PAF-Inhibitor	1
Paralytic	1
Parasympathomimetic	2
Pediculicide	1
Percutaneostimulant	1
Perfume	1
Perfumery	27
Peristaltic	3
Pesticide	59
PGE2-Inhibitor	1
Phagocytotic	3

Activity	Chemical Count
Phospholipase-Inhibitor	1
Photoactive	2
Photocarcinogenic	1
Photodermatitigenic	1
Photosensitizer	1
Phototoxic	3
Phytoalexin	4
Phytohormonal	1
Piscicide	2
Pituitary-Stimulant	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Poultice	1
Preservative	2
Progestational	1
Prolactinogenic	1
Proliferant	1
Prooxidant	4
Propepic	4
Prostaglandigenic	5
Prostaglandin-Synthesis-Inhibitor	3
Protein-Kinase-C-Inhibitor	2
Protisticide	2
Psychoactive	1
Psychotropic	1
PTK-Inhibitor	2

Activity	Chemical Count
Quinone-Reductase-Inducer	3
Radioprotective	2
Renoirritant	1
Renotoxic	1
Respirainhibitor	1
Respirastimulant	1
Roborant	1
Rubefacient	2
Schizophrenigenic	1
Secretagogue	3
Sedative	24
Serotonergic	3
Sialogogue	1
Soap	2
Spasmogenic	6
Spasmolytic	1
Spermicide	3
Spermigenic	2
Sprout-Inhibitor	1
Stimulant	1
Sunscreen	6
Suppository	1
Surfactant	1
Sweetener	4
Tachycardic	1
Teratologic	1
Termiticide	1

Activity	Chemical Count
Termitifuge	2
Testosterone-Hydroxylase-Inducer	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	3
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	5
Tracheorelaxant	1
Tranquilizer	4
Transdermal	6
Tremorigenic	1
Trichomonicide	9
Triglycerigenic	1
Tumor-Promoter	2
Tumorigenic	2
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	1
Ubiquitot	5
Ulcerogenic	2
Uricogenic	1
Uricosuric	2
Urinary-Acidulant	1
Urinary-Antiseptic	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	2

Activity	Chemical Count
Uterotonic	1
Uterotrophic	1
Varroacide	2
Vasodilator	11
Vasopressor	1
VEGF-Inhibitor	2
Vermicide	2
Vermifuge	1
Verrucolytic	2
Vibriocide	1
Vulnerary	7
Xanthine-Oxidase-Inhibitor	5