

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Ruta graveolens

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	4
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	3
Acaricide	1
AChE-Inhibitor	1
Acidulant	1
Adrenostimulant	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	6
Allelochemic	6
Allergenic	7
Alpha-Reductase-Inhibitor	1
Analgesic	6
Anaphrodisiac	1
Anemiagenic	1
Anesthetic	3
Angiotensin-Receptor-Blocker	1
Anthelmintic	1
Antiacetylcholinesterase	1
Antiacne	2
Antiadenomic	1
Antiadrenergic	1
Antiaflatoxin	3
AntiAGE	1
Antiaggregant	5

Activity	Chemical Count
Antiaging	2
Antiallergic	4
Antialopepic	3
Antialzheimeran	2
Antialzheimeran?	1
Antianaphylactic	2
Antiandrogenic	3
Antiangiogenic	1
Antiapertif	1
Antiapoplectic	1
Antiappetant	1
Antiarrhythmic	1
Antiarteriosclerotic	1
Antiarthritic	3
Antiasthmatic	4
Antiatherogenic	1
Antiatherosclerotic	4
Antibacterial	14
Antibronchoconstrictor	1
Anticancer	2
Anticapillary-Fragility	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	1
Anticataract	3
Anticervicaldysplasic	1
AntiCFS	1

Activity	Chemical Count
Anticholinergic	1
Anticlastogen	1
Anticlimacteric	1
Anticold	1
Anticolitic	1
Anticomplementary	1
Anticonvulsant	3
Anticoronary	1
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidecubitic	1
Antidementia	2
Antidepressant	3
Antidermatitic	4
Antidiabetic	3
Antidiuretic	1
Antidote (Aluminum)	1
Antidote (Cadmium)	1
Antidote (Lead)	1
Antidote (Paraquat)	1
Antieczemic	3
Antiedemic	4
Antielastase	1
Antiencephalitic	2
Antiendometriotic	1

Activity	Chemical Count
Antierhythmic	1
Antiescherichic	1
Antiesophagitic	2
Antiestrogenic	2
Antiexudative	1
Antifatigue	1
Antifeedant	7
Antifertility	1
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	1
Antiflu	3
Antigallstone	1
Antigastric	1
Antigastritic	1
Antigingivitic	1
Antiglaucomic	2
Antigonadotropic	2
Antigranular	1
AntiGTF	1
Antihangover	1
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatic	1
Antihepatotoxic	4

Activity	Chemical Count
Antiherpetic	3
Antihistaminic	9
AntiHIV	1
Antihydrocoele	1
Antihydrophobic	1
Antihypertensive	3
Antiincontinence	1
Antiinfertility	1
Antiinflammatory	15
Antijet-lag	1
Antikeratotic	1
Antileishmanic	1
Antileptic	1
Antileucodermic	1
Antileukemic	1
Antileukodermic	2
Antileukotriene	1
Antileukotriene-D4	2
Antileukotrienogenic	1
Antilipogenic	2
Antilipoperoxidant	1
Antilithic	2
AntiLyme	1
Antilymphomic	2
Antimaculitic	1
Antimalarial	4
Antimeasles	1

Activity	Chemical Count
Antimelanomic	2
Antimenopausal	1
Antimenorrhagic	1
Antimetastatic	2
Antimetastatic (Stomach)	1
Antimigraine	1
Antimitotic	5
AntiMS	2
Antimutagenic	8
Antimycotic	1
Antimyocarditic	1
Antinephritic	1
Antineuramidase	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	2
Antiobesity	2
Antionychogryphotic	1
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	1
Antiotitic	1
Antioxidant	7
Antioxidant Synergist	1
Antipancreatic	1
Antiparkinsonian	1
Antiparotitic	1

Activity	Chemical Count
Antiperiodontal	1
Antiperiodontitic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	2
Antipharyngitic	1
Antipityriasic	1
Antiplatelet	1
Antiplatelet	2
AntiPMS	1
Antipneumonic	2
Antipodriac	2
Antipolio	1
Antipoliomyelitic	1
Antiproliferant	3
Antiprostaglandin	2
Antiprostanoid	1
Antiprostatic	3
Antiprotozoal	1
Antipruritic	1
Antipsoriac	4
Antipurpuric	1
Antipyretic	3
Antipyruvetic	1
Antiradicular	4
AntiRaynaud's	1

Activity	Chemical Count
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	2
Antirhinitic	1
Antisalmonella	1
Antiscleromyxoedemic	1
Antiscorbutic	1
Antiseborrheic	1
Antiseptic	12
Antishingles	1
Antisinusitic	1
Antispasmodic	16
Antispastic	1
Antistaphylococcic	3
Antistreptococcic	1
Antistress	1
Antisunburn	1
Antisyndrome-X	1
Antitartar	1
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	1
Antitrypanosomic	2
Antitubercular	3
Antituberculic	1
Antitumor	9

Activity	Chemical Count
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Colon)	2
Antitumor (Gastric)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	1
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	4
Antiulcer	3
Antivaricose	1
Antiviral	8
Antivitiliginic	1
Antiwrinkle	1
Apoptotic	5
Artemicide	2
Asthma-preventive	1
ATPase-Inhibitor	1
Bacteriophagicide	1
Bacteristat	2
Beta-Adrenergic Receptor Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchoprotectant	1
Bronchorelaxant	1

Activity	Chemical Count
Bruchiphobe	1
Bufocide	1
Calcium-Antagonist	6
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	15
Candidicide	5
Candidistat	1
Capillariprotective	2
Carcinogenic	4
Cardiodepressant	1
Cardioprotective	1
Cardiotonic	2
Carminative	1
Catabolic	2
Chemopreventive	2
Cholagogue	2
Choleretic	3
Cholesterolytic	1
Clastogenic	1
CNS-Depressant	5
CNS-Stimulant	2
Cold-preventive	1
Coleoptophile	1
Collagenic	1
Comedolytic	1
COMT-Inhibitor	1

Activity	Chemical Count
Contraceptive	1
Copper-Chelator	1
Cosmetic	1
Counterirritant	1
COX-2-Inhibitor	1
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	5
Cytotoxic (Breast)	2
Cytotoxic (Colon)	2
Cytotoxic (Lung)	2
Deiodinase-Inhibitor	1
Dentifrice	1
Dermal	1
Dermatitigenic	2
Detoxicant	2
Diaphoretic?	1
Differentiator	1
Diuretic	2
DME-Inhibitor	1
DNA-Binder	1
DNA-Inhibitor	1
Ecbolic	3
Emetic	3
Enterocontractant	1
Estrogenic	1

Activity	Chemical Count
Estrogenic?	1
Expectorant	3
Fistula-Preventive	1
FLavor	11
Fungicide	11
Fungiphilic	1
Fungistat	2
Genotoxic	1
Glucosyl-Transferase-Inhibitor	1
GST-Inducer	1
Hemolytic	2
Hemopoietic	1
Hemostat	2
Hepatomagenic	2
Hepatoprotective	6
Herbicide	5
Herpetifuge	1
Hirudicide	1
Histaminic	1
HIV-RT-Inhibitor	1
Hypercholesterolemic	1
Hypertensive	1
Hypertrichotic	1
Hypocholesterolemic	5
Hypoglycemic	3
Hypotensive	5
Hypothermic	1

Activity	Chemical Count
Immunomodulator	4
Immunostimulant	1
iNOS-Inhibitor	1
Inotropic	1
Insecticide	7
Insectifuge	7
Insectiphile	3
Insulinogenic	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Irritant	8
Juvabional	2
Larvostat	2
Laxative?	1
Lipolytic	3
Lipoxygenase-Inhibitor	3
Lithogenic	1
Lubricant	2
MAO-A-Inhibitor	2
MAO-B-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Molluscicide	4

Activity	Chemical Count
Mucolytic	1
Musculotropic	1
Mutagenic	5
Mycobactericide	1
Myocontractant	1
Myoprotective	1
Myorelaxant	4
Myotonic	1
NADH-Oxidase-Inhibitor	1
Nematicide	4
NEP-Inhibitor	1
Neuroprotective	1
NF-kB-Inhibitor	1
NO-Genic	1
NO-Inhibitor	1
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Oviposition-Stimulant	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	1
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	1
Percutaneostimulant	1
Perfumery	8
Peristaltic	1
Pesticide	26

Activity	Chemical Count
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Photoactive	3
Photocarcinogenic	1
Photosensitizer	1
Phototoxic	4
Phytoalexin	3
Phytohormonal	1
Piscicide	3
Plasmodicide	1
Proliferant	1
Propepic	4
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	1
Protisticide	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	1
Radioprotective	1
Rodenticide	1
Rubefacient	1
Sedative	4
Sialogogue	1
Soap	1
Spasmogenic	2
Sunscreen	2
Suppository	1
Teratologic	1

Activity	Chemical Count
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	3
Tranquilizer	2
Transdermal	5
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Uricosuric	1
Urinary-Acidulant	1
Uterocontractant	2
Uterosedative	1
Vasodilator	5
Vasopressor	1
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	2