

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Papaver somniferum***

Activity	Chemical Count
(+)-Inotropic	1
12-Lipoxygenase-Inhibitor	1
5-Alpha-Reductase-Inhibitor	6
5-Lipoxygenase-Inhibitor	2
Abortifacient	2
Acaricide	1
ACE-Inhibitor	2
Acidifier	1
Acidulant	3
Acnegenic	1
Additive	3
Adjuvant	1
Adrenergic	1
Adrenolytic	1
Aldose-Reductase-Inhibitor	9
Allelopathic	3
Allergenic	6
Alpha-Amylase-Inhibitor	1

Activity	Chemical Count
Alpha-Reductase-Inhibitor	1
Amebicide	1
Amphicholeretic	1
Amphiglycemic?	1
Analeptic	1
Analgesic	19
Androgenic	2
Androgenic?	1
Anemiagenic	1
Anesthetic	3
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	1
Antiacetylcholinesterase	2
Antiacid	1
Antiacne	5
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1

Activity	Chemical Count
Antiadenomic	1
Antiadenoviral	1
Antiadrenergic	1
AntiAGE	2
Antiaggregant	8
Antiaging	4
Antiakathisic	1
Antialcoholic	5
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	4
Antialopecic	4
Antialzheimeran	7
Antiamblyopic	1
Antiamnesic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	3
Antianginal	3

Activity	Chemical Count
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiaphthic	1
Antiarabiflavinotic	1
Antiarrhythmic	9
Antiarteriosclerotic	2
Antiarthritic	9
Antiasthmatic	4
Antiasthmatic?	1
Antiataxic	1
Antiatherogenic	1
Antiatheromic	1
Antiatherosclerotic	6
Antibacillus	1
Antibackache	1
Antibacterial	21
Antiberiberi	1
Antibiotic	1

Activity	Chemical Count
AntiBPH	1
Antibradykinic	1
Antibronchitic	1
Anticalculic	1
Anticancer	6
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Foreestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	2
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1
Anticataract	6

Activity	Chemical Count
Anticephalagic	2
Anticerebrotic	1
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	2
Antichlamydial	1
Anticholecystitic	1
Anticholera	1
Anticholinergic	2
Anticholinesterase	1
Antichoreic	2
Anticirrhotic	3
Anticlastogen	1
Anticlimacteric	3
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticonjunctivitic	1

Activity	Chemical Count
Anticonvulsant	3
Anticorneotic	1
Anticoronary	4
Anticoryzic	1
AntiCrohn's	3
AntiCTS	1
Anticystinuric	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	7
Antidepressant	7
Antidepressant?	1
Antidermatitic	1
Antidiabetic	10
Antidiabetic?	1
Antidiarrheic	3
Antidiscotic	1
Antidiuretic	1
Antidopaminergic	1

Activity	Chemical Count
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidote (pesticides)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	5
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	5
Antiedemic	6
Antielastase	2
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1

Activity	Chemical Count
Antiendometriotic	2
Antiendotoxic	1
Antienteritic	1
Antienterotic	1
Antienterotoxic	1
Antiepileptic	5
Antiescherichic	2
Antiesherichic	1
Antiestrogenic	2
Antifatigue	7
Antifeedant	4
Antifertility	2
Antifibrillary	1
Antifibrinolytic	2
Antifibromyalgic	2
Antifibrotic	2
Antiflu	1
Antifuruncular	1
Antigallstone	2
Antigastritic	4

Activity	Chemical Count
Antigastrotic	1
Antigiardial	1
Antigingivitic	2
Antiglaucomic	3
Antiglossitic	1
Antiglycosuric	1
Antigoiter	1
Antigonadotrophic	2
Antigonadotropic	1
Antigonorrhoea	1
Antigranular	1
Antihangover	4
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatomic	1
Antihepatotic	2
Antihepatotoxic	7

Activity	Chemical Count
Antiherpetic	7
Antiherpetic?	1
Antihistaminic	5
AntiHIV	3
Antihomocysteine	1
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	9
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	3
Antiinfective	1
Antiinfertility	3
Antiinflammatory	19

Activity	Chemical Count
Antiinsomniac	4
Antiinsomnic	1
Antiischemic	2
Antikeratitic	1
Antilactagogue	1
AntiLegionella	1
Antileishmanic	2
Antileptic	2
Antileukemic	6
Antileukonychic	1
Antileukoplakic	1
Antileukorrhic	1
Antileukotriene	1
Antileukotriene-D4	3
Antilipogenic	1
Antilipoperoxidant	1
Antilithic	5
Antilupus	1
AntiLyme	5
Antilymphomic	2

Activity	Chemical Count
Antimaculitic	3
Antimalarial	1
Antimanic	3
Antimastalgic	1
Antimastitic	1
Antimeasles	2
Antimelanogenic	1
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	3
Antimetastatic	3
Antimigraine	6
Antimitotic	3
Antimitral-valve-prolapse	1
Antimorphinic	1
Antimorphinistic	1
AntiMS	2
Antimuscarinic	1
Antimutagenic	8
Antimyalgic	1

Activity	Chemical Count
Antimycotic	1
Antimyocarditic	1
Antimycontractant	1
Antineoplastic	3
Antinephritic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineurogenic	1
Antineuromuscular	1
Antineuropathic	2
Antineurotic	1
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	4
Antinyctalopic	1
Antiobesity	7
Antiophidic	3

Activity	Chemical Count
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	8
Antiototic	1
Antioxidant	25
Antioxidant Synergist	5
Antioxidant?	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagic	3
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	2
Antiperoxidant	3
Antiperoxyinitrite	1
Antipharyngitic	1
Antiphenylketonuric	2
Antiphotooxidative	1

Activity	Chemical Count
Antiphotophobic	2
Antipityriasic	1
Antiplateque	3
Antiplasmodial	1
AntiPMS	4
Antipneumonic	2
Antipodriac	1
Antipolio	1
Antipoliomyelitic	2
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	2
Antiproliferant	2
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatic	6
Antiprostatotic	1
Antipruritic	1
Antipsoriac	3
Antipsychotic	1

Activity	Chemical Count
Antipyretic	5
Antiradicular	7
AntiRaynaud's	3
Antiretardation	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	1
Antisalmonella	1
Antischizophrenic	1
Antisclerodermic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	3
Antisecretory	2
Antiseptic	13
Antiserotonin	1
Antishigellic	1
Antishingles	1

Activity	Chemical Count
Antishock	1
Antisickling	3
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	17
Antispasmophilic	1
Antispermigenic	2
Antisprue	1
Antistaphylococcic	4
Antisteatotic	1
Antistomatitic	2
Antistrep	1
Antistress	4
Antistroke	2
Antisunburn	1
Antisuperoxidogenic	1
Antisyndrome-X	5
Antisyphilitic	1
Antitetanic	1
Antithiamin	1

Activity	Chemical Count
Antithrombic	1
Antithyreotropic	1
Antithyroid	1
Antithyrotoxic	2
Antitic	1
Antitinnitic	1
Antitorticolic	1
AntiTourette's	1
Antitrachomic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	3
Antitumor	13
Antitumor (brain)	1
Antitumor (Breast)	2
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Forestomach)	1
Antitumor (Gastric)	1

Activity	Chemical Count
Antitumor (Liver)	1
Antitumor (Lung)	4
Antitumor (Prostate)	2
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	5
Antitussive	9
Antiulcer	10
Antiulcerogenic	1
Antiuremic	1
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	2
Antivertigo	1
Antiviral	13
Antiviral?	1
Antivitaligic	1
Antixerophthalmic	1
Antixerotic	1
Anxiolytic	7

Activity	Chemical Count
Aphrodisiac	1
Apoptotic	2
Artemicide	3
Arteriodilator	2
Ascaricide	1
Asthma-preventive	1
Astringent	2
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bilirubolytic	1
Bruchiphobe	2
Calcium-Antagonist	8
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	26
Candidicide	5
Capillarigenic	1
Carcinogenic	3

Activity	Chemical Count
Cardiac	1
Cardiodepressant	3
Cardiomyopathogenic	1
Cardioprotective	7
Cardiotonic	3
Cardiotoxic	1
Cardiovascular	3
Carminative	1
Caspase-8-Inducer	1
Catatonic	2
Cerebrotonic	1
Cerebrovasodilator	1
Chemopreventive	5
Cholagogue	3
Cholekinetic	1
Choleretic	8
Cholinergic	2
Circulotonic	1
Clastogenic	1
CNS-Active	1

Activity	Chemical Count
CNS-Depressant	4
CNS-Paralytic	1
CNS-Stimulant	3
CNS-Suppressant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Collyrium	1
Colorant	1
Comedolytic	1
Contraceptive	1
Convulsant	6
Copper-Antagonist	1
Corticogenic	1
Cosmetic	4
COX-1-Inhibitor	2
COX-2-Inhibitor	4
Curaroid	1
Cyclooxygenase-Inhibitor	1

Activity	Chemical Count
Cytoprotective	1
Cytotoxic	5
Demulcent	1
Deodorant	1
Dermatitigenic	4
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic	1
Diaphoretic?	1
Digestive	1
Disinfectant	1
Diuretic	11
DNA-Active	1
DNA-Intercalator	1
DNA-Protective	1
Dopamine-Adenylate-Cyclase-Inhibitor	1
Dye	1
Emetic	5
Energizer	1
Ergogenic	1

Activity	Chemical Count
Erythrocytogenic	1
Essential	8
Estrogenic	3
Euphoric	1
Expectorant	2
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	10
Fungicide	12
Gastrocontractant	1
Gastroprotective	1
Gastrosedative	1
Glaucomagenic	2
Glutathionigenic	1
Goitrogenic	1
Gonadotrophic	1
Gram(+)icide	2
Gram(-)icide	1

Activity	Chemical Count
Hemolytic	1
Hemopoietic	1
Hemostat	3
Hemostatic	1
Hepatocarcinogenic	1
Hepatoprotective	9
Hepatotoxic	2
Hepatotropic	2
Herbicide	1
Histamine-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	3
Hyperglycemic	1
Hypertensive	5
Hyperthermic	1
Hyperthyroid	1
Hypnotic	3
Hypoammonemic	1
Hypoarginanemic	1
Hypocholesterolemic	19

Activity	Chemical Count
Hypoglycemic	11
Hypolipidemic	3
Hypotensive	18
Hypotensive?	1
Hypothermic	1
Hypouricemic	1
Ileorelaxant	1
Immunomodulator	6
Immunostimulant	9
Immunosuppressant	2
Inotropic	2
Insectifuge	5
Insectiphile	1
Insulinase-Inhibitor	2
Insulinogenic	3
Insulinotonic	2
Interferon-Synergist	1
Interferonogenic	1
Irritant	6
Keratolytic	1

Activity	Chemical Count
Lachrymatory	1
Larvicide	1
Laxative	4
Laxative?	2
Leptingenic	1
Leucocytogenic	1
Leukotriene-Inhibitor	1
Lipase-Inhibitor	2
Lipolytic	1
Lipotropic	3
Lipoxygenase-Inhibitor	5
Lithogenic	1
Litholytic	2
Lubricant	3
Lyase-Inhibitor	1
Lymphocytogenic	1
Memorigenic	2
Metal-Chelator	2
Metastatic	1
Molluscicide	1

Activity	Chemical Count
Monoamine-Precursor	3
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	1
Mycobactericide	3
Mydriatic	1
Myocardiocontractant	1
Myocardiodepressant	1
Myocontractant	2
Myorelaxant	6
Narcotic	4
Natriuretic	1
Nematicide	4
Neuroexcitant	1
Neuroinhibitor	1
Neuroprotective	1
Neurotoxic	2
Neurotransmitter	2
NF-kB-Inhibitor	1

Activity	Chemical Count
NO-Genic	1
Occulotensive	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Ovulant	1
Oxidant	2
PAF-Inhibitor	1
Paralytic	1
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	6
Peristaltic	2
Pesticide	25
Phagocytotic	2
Phosphodiesterase-Inhibitor	1
Phototoxic	1
Pituitary-Stimulant	1
Plasmodicide	1
Preservative	1

Activity	Chemical Count
Priapistic	1
Prolactinogenic	1
Prooxidant	3
Propepic	5
Prostaglandigenic	3
Prostaglandin-Synthesis-Inhibitor	5
Protisticide	2
Pyrogenic	1
Refrigerant	1
Renotoxic	1
Respiradepressant	1
Respirasedative	1
Respirastimulant	4
Reverse-Transcriptase-Inhibitor	1
RNA-Depressant	1
Roborant	1
RT-Inhibitor	1
Schizophrenigenic	1
Sedative	11
Sequestrant	2

Activity	Chemical Count
Serotoninergetic	2
Sialogogue	2
Soap	2
Soporific	1
Spasmogenic	2
Spermicide	1
Spermigenic	2
Spinodepressant	1
Stimulant	1
Stomachic	1
Sunscreen	4
Suppository	1
Sweetener	2
Sympatholytic	1
Sympathomimetic	1
Teratogenic	1
Testosteronigenic	1
Tetanic	1
Thymoprotective	1
Thyrotropic	1

Activity	Chemical Count
TNF-alpha-Inhibitor	1
Topoisomerase-II-Inhibitor	2
Toxic	1
Tranquilizer	3
Tremorigenic	1
Trichomonicide	3
Trypanocide	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	1
Ubiquiot	4
Ulcerogenic	1
Uricosuric	3
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterocontractant	1
Uterorelaxant	1
Uterosedative	2
Uterotonic	3

Activity	Chemical Count
UV-Screen	1
Vagostimulant	1
Varroacide	1
Vasoconstrictor	2
Vasodilator	13
Vasomotor-Stimulant	1
Vermifuge	1
Vibriofuge	1
Vulnerary	3
Xanthine-Oxidase-Inhibitor	2