

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Coffea arabica

Activity	Chemical Count
(+)-Inotropic	2
5-Alpha-Reductase-Inhibitor	4
Acaricide	2
Addictive	1
Adenosine-Antagonist	1
Adjuvant	1
Aldose-Reductase-Inhibitor	5
Allelochemic	5
Allelopathic	1
Allergenic	10
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analeptic	1
Analgesic	5
Analgesic-Synergist	1
Androgenic	1
Androgenic?	1
Anemiagenic	1
Anesthetic	3
Angiogenic	1
Angiotensin-Receptor-Blocker	1
Anorexic	2
Anthelmintic	1
Antiacne	2
Antiacrodynic	1
AntiAddisonian	1
Antiadenomic	1

Activity	Chemical Count
Antiadenoviral	1
Antiadhesive	1
Antiadrenergic	1
Antiaflatoxin	1
Antiaggregant	4
Antiaging	2
Antiakathisic	1
Antialcoholic	1
Antialkali?	1
Antiallergic	2
Antialopepic	3
Antialzheimeran	4
Antiamblyopic	1
Antianacarditic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	2
Antianginal	2
Antianorectic	1
Antianxiety	1
Antiaphthic	1
Antiapneic	2
Antiapoptotic	1
Antiarabiflavinotic	1
Antiarachidonate	1
Antiarrhythmic	2
Antiarteriosclerotic	1

Activity	Chemical Count
Antiarthritic	4
Antiasthmatic	6
Antiatherogenic	1
Antiatheromic	1
Antiatherosclerotic	5
Antibackache	1
Antibacterial	14
Antiberiberi	1
Antibiotic	1
Antibradyarrhythmic	1
Antibronchitic	1
Antibronchoconstrictor	1
Anticalculic	1
Anticancer	5
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	2
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticanker	2
Anticarcinogenic	3
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	3
Anticarpal-Tunnel	1

Activity	Chemical Count
Anticataract	6
Anticellulitic	2
Anticephalagic	1
Anticervicaldysplasic	2
Anticheilitic	2
Antichilblain	1
Anticholinergic	1
Antichoreic	1
Anticirrhotic	1
Anticlastogen	1
Anticlimacteric	1
Anticoagulant	1
Anticolitic	2
Anticonvulsant	3
Anticoronary	2
AntiCRP	1
Anticystinuric	1
Anticystitic	1
Anticytotoxic	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	4
Antidepressant	2
Antidermatitic	3
Antidermatotic	1
Antidiabetic	6

Activity	Chemical Count
Antidiarrheic	3
Antidote	2
Antidote (Acetaminophen)	1
Antidote (Aluminum)	1
Antidote (Lead)	1
Antidote (Paracetamol)	1
Antidysenteric	2
Antidyskinetic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	3
Antiedemic	4
Antielastase	1
Antiemetic	1
Antiemphysemic	1
Antiencephalitic	1
Antiencephalopathic	1
Antienteritic	2
Antiepileptic	2
Antiescherichic	1
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	1
Antifeedant	6
Antifertility	2
Antifibrinolytic	2

Activity	Chemical Count
Antiflu	2
Antigallstone	1
Antigargantitic	1
Antigastritic	2
Antigenotoxic	2
Antigingivitic	1
Antiglossitic	1
Antigonadotrophic	1
Antigonadotropic	2
Antigranular	1
Antigranulocytopenic	1
Antihangover	2
Antiheartburn	1
Antihemolytic	3
Antihemorrhoidal	1
Antihepatoadenomic	1
Antihepatotic	1
Antihepatotoxic	8
Antiherpetic	6
Antihistaminic	4
AntiHIV	4
Antihomocysteine	1
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperglycemic	1

Activity	Chemical Count
Antihyperkeratotic	1
Antihyperkinetic	1
Antihyperlipoproteinaemic	1
Antihypertensive	3
Antihyperthyroid	2
Antihypotensive	1
Antiichthyotic	1
Antiinfarctal	1
Antiinfertility	1
Antiinflammatory	13
Antiinsomniac	1
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antikeratotic	1
AntiLegionella	2
Antileishmanic	1
Antileukemic	3
Antileukoplakic	1
Antileukotriene	2
Antileukotriene-D4	2
Antileukotrienogenic	1
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	2
Antilupus	1
AntiLyme	3

Activity	Chemical Count
Antilymphomic	1
Antimaculitic	2
Antimanic	1
Antimastitic	1
Antimelanogenic	2
AntiMeniere's	1
Antimenopausal	1
Antimenorrhagic	2
Antimetastatic	1
Antimigraine	3
Antimitotic	1
Antimorphinic	1
AntiMS	1
Antimutagenic	14
Antimyocarditic	1
Antinarcotic	1
Antinephritic	1
Antineuralgic	3
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antinitrosaminic	4
Antinitrosating	1
Antinociceptive	2
Antiobesity	5
Antiophidic	5
Antiophthalmic	1

Activity	Chemical Count
Antiosteoporotic	2
Antioxidant	30
Antioxidant Synergist	1
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	3
Antipellagic	2
Antipeptic	1
Antiperiodontitic	1
Antiperoxidant	3
Antiperoxytrite	1
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
AntiPMS	2
Antipolio	2
Antipoliomyelitic	1
Antiporphyrinic	1
Antiprogestational	1
Antiproliferant	3
Antiprostaglandin	5
Antiprostadenomic	1
Antiprostatitic	3
Antiprostatotic	1
Antipsoriac	2
Antipyretic	3
Antiradicular	8

Activity	Chemical Count
AntiRaynaud's	1
Antirenitic	1
Antiretardation	1
Antiretinotic	1
Antirheumatic	4
Antirhinitic	3
Antisalmonella	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	14
Antiserotonergic	1
Antisickling	1
Antispasmodic	6
Antistaphylococcic	3
Antisteatotic	1
Antistomatitic	2
Antistress	2
Antistroke	1
Antisunburn	2
Antithiamin	1
Antithromboxane	1
Antithyroid	2
Antitic	1
AntiTNF	2
Antitonsilitic	1
Antitubercular	1
Antituberculic	1

Activity	Chemical Count
Antitumor	15
Antitumor (Bladder)	1
Antitumor (Breast)	2
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Foreestomach)	1
Antitumor (Liver)	2
Antitumor (Lung)	3
Antitumor (Prostate)	3
Antitumor (Skin)	2
Antitumor (Stomach)	2
Antitumor-Promoter	4
Antitussive	1
Antiulcer	9
Antiulcerogenic	1
Antiuricosuric	1
AntiUTI	1
Antivaccinia	2
Antivertigo	1
Antiviral	10
Antixerophthalmic	1
Anxiolytic	4
Apifuge	1
Apoptotic	3
Arrhythmigenic	1
Artemicide	2

Activity	Chemical Count
Arteriodilator	2
Astringent	1
Autotoxic	1
Bacteristat	1
Beta-Blocker	1
Bronchodilator	2
Bronchorelaxant	1
Calcium-Antagonist	2
Calcium-Channel-Blocker	1
cAMP-Inhibitor	2
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	28
Candidicide	2
Candidistat	1
Carcinogenic	4
Carcinogenic?	1
Cardiodepressant	2
Cardioprotective	5
Cardiotonic	3
Cardiovascular	1
Carminative	1
Caspase-8-Inducer	1
Catabolic	1
Cerebrotonic	1
cGMP-Inhibitor	1
cGMP-Phosphodiesterase-Inhibitor	3
Chelator	1

Activity	Chemical Count
Chemopreventive	6
Cholagogue	3
Choleretic	8
Cholinergic	1
Circulotonic	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	2
CNS-Paralytic	1
CNS-Stimulant	6
Co-carcinogenic	1
Collagen-Sparing	2
Colorant	1
Comedolytic	1
Coronary-Dilator	1
Cosmetic	2
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	2
Cytochrome-P450-Inhibitor	1
Cytoprotective	1
Cytotoxic	6
Demulcent	1
Dermal	1
Dermatitigenic	2
Detoxicant	2
Diaphoretic?	1

Activity	Chemical Count
Disinfectant	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Emetic	4
Energizer	1
Enterorelaxant	1
Epidermal-Stimulant	1
Ergotamine-Enhancer	1
Essential	1
Estrogenic	2
Expectorant	1
Fatal	1
Febrifuge	1
Fetotoxic	2
Fibrinolytic	1
Flatugenic	2
FLavor	9
Fumigant	1
Fungicide	8
Fungistat	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Glutathionergic	1
Glutathionigenic	1
Gonadotrophic	1
Hemolytic	2

Activity	Chemical Count
Hemostat	4
Hemostatic	1
Hepatocarcinogenic	1
Hepatoprotective	10
Hepatotoxic	2
Hepatotropic	1
Herbicide	5
Histamine-Inhibitor	2
Hypercholesterolemic	3
Hyperglycemic	1
Hypertensive	2
Hyperuricemic	2
Hypocholesterolemic	13
Hypoglycemic	9
Hypolipidemic	2
Hypotensive	4
Hypouricemic	1
Ileorelaxant	1
Immunomodulator	2
Immunostimulant	7
Immunosuppressant	1
Insecticide	2
Insectifuge	8
Interferon-Synergist	1
Interferonogenic	1
Irritant	6
Juvabional	2

Activity	Chemical Count
Keratolytic	1
Larvicide	1
Larvostat	1
Laxative	2
Laxative?	1
Leukotriene-Inhibitor	2
Lipotropic	2
Lipoxygenase-Inhibitor	5
Lithogenic	1
Litholytic	1
Lubricant	3
Lyase-Inhibitor	1
Lypolytic	1
MAO-Inhibitor	2
Memorigenic	1
Metal-Chelator	2
Metal-Chelator (Copper)	1
Metastatic	1
Motor-Depressant	2
Motor-Stimulant	1
Mucogenic	1
Musculotropic	1
Mutagenic	1
Mycobactericide	1
Myocardiotonic	3
Myorelaxant	4
Myostimulant	1

Activity	Chemical Count
Natriuretic	1
Nematicide	4
Neuroexcitant	1
Neuroprotective	1
Neurotoxic	3
NO-Genic	1
NO-Inhibitor	1
Odontolytic	1
Ophthalmic-Antialkali	1
Ornithine-Decarboxylase-Inhibitor	3
Osmoregulator	1
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Parasiticide	2
Parasympathomimetic	1
Percutaneostimulant	1
Perfumery	6
Peristaltic	1
Pesticide	29
Phagocytotic	1
Phosphodiesterase-Inhibitor	1
Phytoalexin	1
Phytohormonal	1
Pigment	1
PKC-Inhibitor	1
Prooxidant	4

Activity	Chemical Count
Propepic	5
Prostaglandigenic	2
Prostaglandin-Secretor	1
Prostaglandin-Synthesis-Inhibitor	3
Psychotropic	1
Pyrogenic	1
Refrigerant	1
Renotoxic	1
Respirapalytic	1
Respirastimulant	1
Roborant	1
Rodenticide	3
Sedative	5
Serotoninerpic	1
Soap	1
Spasmogenic	1
Spermicide	1
Stimulant	3
Sunscreen	4
Suppository	1
Suppurative	1
Sweetener	1
Tachycardic	2
Teratogenic	3
Termiticide	1
Thymoprotective	1
Topoisomerase-I-Inhibitor	1

Activity	Chemical Count
Topoisomerase-II-Inhibitor	1
Tranquilizer	1
Transdermal	1
Trichomonicide	1
Trichomonistat	2
Trypsin-Enhancer	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	2
Uricosuric	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterosedative	1
Varroacide	2
Vasodilator	8
Vermifuge	1
Vulnerary	3
Xanthine-Oxidase-Inhibitor	2