

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Eupatorium perfoliatum***

Activity	Chemical Count
11B-HSD-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
ACE-Inhibitor	3
Acidulant	1
Alcohol-Dehydrogenase-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	7
Allelochemic	2
Allergenic	5
Amphiglycemic?	1
Analgesic	7
Androgenic?	1
Angiotensin-Receptor-Blocker	2
Anorexic	1
Antiacne	4
Antiacrodermatitic	1
Antiacrodynic	1

Activity	Chemical Count
Antiadenovirus	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	6
Antiaging	5
Antiakathisic	1
Antialcoholic	3
Antiallergenic	1
Antiallergic	6
Antialopepic	1
Antialzheimeran	4
Antiamblyopic	1
Antianacarditic	1
Antianaphylactic	2
Antianemic	2
Antianginal	2
Antiangiogenic	4
Antianorectic	1
Antianorexic	1
Antianxiety	2

Activity	Chemical Count
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	3
Antiarteriosclerotic	1
Antiarthritic	9
Antiasthmatic	6
Antiatherogenic	1
Antiatherosclerotic	7
Antibacterial	9
Antibiotic	1
AntiBPH	1
Antibronchitic	1
Anticancer	5
Anticanker	2
Anticapillary-Fragility	2
Anticarcinomic	3
Anticarcinomic (Breast)	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	7

Activity	Chemical Count
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlastogen	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticolitic?	1
Anticomplementary	1
Anticonvulsant	3
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1

Activity	Chemical Count
Antidandruff	2
Antidecubitic	3
Antidementia	4
Antidepressant	6
Antidermatitic	4
Antidermatotic	1
Antidiabetic	9
Antidiarrheic	2
Antidiscotic	1
Antidote	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidysphagic	1

Activity	Chemical Count
Antieczemic	2
Antiedemic	3
Antielastase	2
Antiencephalitic	3
Antiencephalopathic	1
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	2
Antiestrogenic	1
Antifatigue	4
Antifeedant	4
Antifertility	1
Antifibrinolytic	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	3

Activity	Chemical Count
Antifuruncular	1
Antigallstone	1
Antigargantitic	1
Antigastric	1
Antigastritic	1
Antigastrotic	1
Antigingivitic	3
Antiglaucomic	3
Antiglossitic	1
Antiglycosuric	1
Antigonadotropic	1
Antigout	1
AntiGTF	1
Antihangover	3
Antihematuric	1
Antihemorrhagic	1
Antihemorrhoidal	2
Antihepatitic	1
Antihepatotoxic	5
Antiherpetic	6

Activity	Chemical Count
Antiherpetic?	1
Antihistaminic	5
AntiHIV	5
Antihydrophobic	1
Antihyperactivity	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipidemic	1
Antihypertensive	6
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	8
Antiinsomniac	3
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1

Activity	Chemical Count
Antikeshan	1
Antileishmanic	2
Antileptic	2
Antileukemic	4
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	2
Antilipoperoxidant	2
Antilithic	2
Antilupus	1
AntiLyme	4
Antilymphocytic	1
Antilymphomic	1
Antimaculitic	4
Antimalarial	3
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	3
AntiMeniere's	1

Activity	Chemical Count
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	4
Antimigraine	3
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	7
Antimyalgic	1
Antimyocarditic	1
Antinephritic	1
Antinephrolytic	1
Antineuralgic	1
Antineuramidase	1
Antineuropathic	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	3

Activity	Chemical Count
Antinyctalopic	1
Antiobesity	5
Antiobesity?	1
Antionychyotic	1
Antiophidic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiosteoporotic?	1
Antiototic	1
Antioxidant	11
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontic	1
Antiperiodontitic	4

Activity	Chemical Count
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	3
Antipharyngitic	2
Antiphotophobic	2
Antipityriasic	1
Antiplatelet	4
Antiplasmodial	1
Antiplatelet	2
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	3
Antipoliomyelitic	1
Antiporphyrin	1
Antiprolactin	1
Antiproliferant	4
Antiprogesterone	1
Antiprosthetic	2
Antiproteolytic	1

Activity	Chemical Count
Antiprotozoal	1
Antipsoriac	2
Antipurpuric	1
Antipyretic	1
Antiradicular	8
AntiRaynaud's	3
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	2
Antiscorbutic	1
Antiscotomic	1
Antiseptic	6
Antiserotonin	1
Antishingles	1
Antispasmodic	7
Antispasmophilic	1
Antistaphylococcic	2
Antistomatitic	2

Activity	Chemical Count
Antistreptococcic	1
Antistress	4
Antistroke	2
Antisunburn	1
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitonsilitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitumor	7
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (CNS)	1
Antitumor (Colon)	2

Activity	Chemical Count
Antitumor (Gastric)	1
Antitumor (Lung)	4
Antitumor (Ovary)	1
Antitumor (Prostate)	2
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	4
Antitussive	1
Antiulcer	8
Antiulcerogenic	1
Antivaricose	1
Antivertigo	1
Antiviral	7
Antiviral?	1
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	5
AP-1-Inhibitor	1
Apoptotic	6
Aromatase-Inhibitor	1

Activity	Chemical Count
Asthma-preventive	1
Astringent	3
ATPase-Inhibitor	1
Bacteristat	3
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bifidogenic	1
Bradycardiac	1
Bronchodilator	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	10
Candidicide	2
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2

Activity	Chemical Count
Carcinogenic	3
Cardiomyopathogenic	1
Cardioprotective	7
Cardiotoxic	2
Catabolic	2
Chemopreventive	2
Chemopreventive (Breast Cancer)	1
Chemopreventive (Colon Cancer)	1
Choleretic	2
Circulotonic	1
CNS-Depressant	1
Cold-preventive	1
Collagenic	2
Colorant	1
COMT-Inhibitor	1
Copper-Antagonist	1
Copper-Chelator	2
COX-1-Inhibitor	1
COX-2-Inhibitor	3
Cyclooxygenase-Activator	1

Activity	Chemical Count
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	6
Degranulant	1
Deiodinase-Inhibitor	1
Deodorant	1
Depressant	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	1
Diuretic	6
Emetic	2
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	2
Estrogenic?	1

Activity	Chemical Count
Expectorant	2
Fibrinolytic	1
Fistula-Preventive	1
FLavor	1
Floral-Inhibitor	1
Fungicide	4
Gastroprotective	1
Gastrostimulant	1
Glucosyl-Transferase-Inhibitor	1
Gram(+)icide	1
Gram(-)icide	1
Hemostat	4
Hepatomagenic	2
Hepatoprotective	6
Hepatotoxic	2
HIV-RT-Inhibitor	2
Hypertensive	1
Hypocholesterolemic	7
Hypoglycemic	6
Hypolipidemic	1

Activity	Chemical Count
Hypotensive	10
ICAM-1-Inhibitor	1
Immunomodulator	7
Immunostimulant	16
Immunosuppressant	2
iNOS-Inhibitor	2
Inotropic	3
Insecticide	2
Insectifuge	1
Insectiphile	1
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	2
Larvostat	2
Laxative	3

Activity	Chemical Count
Leptogenic	1
Lipolytic	1
Lipoxygenase-Inhibitor	3
Lithogenic	1
Litholytic	1
MAO-A-Inhibitor	1
MAO-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Mitogenic	1
MMP-9-Inhibitor	1
Molluscicide	1
Mucogenic	2
Mucolytic	1
Mutagenic	3
Myoprotective	1
Myorelaxant	3
NADH-Oxidase-Inhibitor	1

Activity	Chemical Count
Natriuretic	1
NEP-Inhibitor	1
Nephrotoxic	1
Neuroprotective	2
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	2
Osteogenic	1
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Parasiticide	1
Pesticide	10
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1

Activity	Chemical Count
Piscicide	1
Plasmodicide	2
Polyamine-Synthesis-Inhibitor	1
Prebiotic	1
Probiotic	1
Probiotigenic	1
Proliferant	1
Prooxidant	2
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	1
Protein-Kinase-C-Inhibitor	2
Protisticide	2
PTK-Inhibitor	1
Quinone-Reductase-Inducer	2
Radioprotective	1
Respiroanaleptic	1
Sedative	1
Serotonergic	1
Spermigenic	1
Styptic	1

Activity	Chemical Count
Sunscreen	1
Sympathomimetic	1
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	3
Tranquilizer	2
Trichomonicide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Uterotrophic	1
Vasodilator	8

Activity	Chemical Count
Vasopressor	1
VEGF-Inhibitor	2
Vermifuge	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	3