

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Agrimonia eupatoria

Activity	Chemical Count
Xanthine-Oxidase-Inhibitor	8
Vulnerary	2
VEGF-Inhibitor	3
Vasopressor	3
Vasodilator	5
Uterotrophic	2
Uterosedative	1
Ulcerogenic	2
Ubiquit	4
Tyrosine-Kinase-Inhibitor	1
Tyrosinase-Inhibitor	4
Tumorigenic	2
Trypanocide	1
Topoisomerase-II-Inhibitor	5
Topoisomerase-I-Inhibitor	5
Topoisomerase-I-Antagonist	1
TOPO-2-Inhibitor	1
TNF-alpha-Inhibitor	5
Tissue-Thromboplastin-Inhibitor	1
Tineacide	1
Thermogenic	1
Teratologic	2
Taenicide	1
Sweetener	1
Suppository	1
Sunscreen	6
Succinoxidase-Inhibitor	1

Activity	Chemical Count
Spermicide	1
Sodium-Sparing	1
Soap	1
Sedative	2
Secretagogue	2
Schistosomicide	1
Reverse-Transcriptase-Inhibitor	1
Radioprotective	2
Quinone-Reductase-Inducer	6
PTK-Inhibitor	3
Psychotropic	1
Protisticide	3
Protein-Kinase-C-Inhibitor	3
Protease-Inhibitor	1
Prostaglandin-Synthetase-Inhibitor	1
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandigenic	5
Propecic	3
Prooxidant	1
Proliferant	2
Progestational	1
Preservative	1
Potassium-Sparing	1
Polyamine-Synthesis-Inhibitor	1
Plasmodicide	1
PKC-Inhibitor	1
Piscicide	1

Activity	Chemical Count
Phytoalexin	1
Phospholipase-Inhibitor	1
Phagocytotic	2
PGE2-Inhibitor	1
Pesticide	26
Perfumery	1
Paralytic	1
PAF-Inhibitor	2
P450-Inhibitor	1
P450-Inducer	1
P21-Inducer	1
Oviposition-Stimulant	2
Ornithine-Decarboxylase-Inhibitor	7
Nodulation-Signal	1
NO-Synthase-Inhibitor	2
NO-Inhibitor	3
NO-Genic	1
NF-kB-Inhibitor	3
Neuroprotective	3
Nephrotoxic	1
NEP-Inhibitor	2
Nematicide	1
Natriuretic	1
NADH-Oxidase-Inhibitor	2
Myorelaxant	3
Myoprotective	1
Mutagenic	4

Activity	Chemical Count
Musculotropic	1
MMP-9-Inhibitor	3
Metalloproteinase-Inhibitor	2
Metal-Chelator (Copper)	1
Metal-Chelator	3
Mast-Cell-Stabilizer	1
MAPK-Inhibitor	2
MAO-Inhibitor	4
MAO-A-Inhibitor	2
Lyase-Inhibitor	1
Lubricant	2
Lipoxygenase-Inhibitor	10
Leukotriene-Inhibitor	2
Leucocytogenic	1
Laxative	1
Larvostat	3
Keratolytic	1
Juvabional	4
JNK-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	2
Interleukin-6-Inhibitor	1
Interferonogenic	1
Insulinogenic	1
Insectiphile	3
Insectifuge	6
Insecticide	1
Inotropic	3

Activity	Chemical Count
iNOS-Inhibitor	4
Immunosuppressant	3
Immunostimulant	6
Immunomodulator	2
IKK-Inhibitor	2
ICAM-1-Inhibitor	3
Hypotensive	8
Hypolipidemic	2
Hypoglycemic	6
Hypocholesterolemic	6
Hypercholesterolemic	1
Hydrocholeric	1
Hyaluronidase-Inhibitor	2
HIV-RT-Inhibitor	3
Histamine-Inhibitor	2
HIF-1alpha-Inhibitor	1
Herbicide	1
Hepatotropic	2
Hepatotoxic	1
Hepatotonic	1
Hepatoprotective	14
Hepatomagenic	2
Hepatocarcinogenic	1
Hemostatic	1
Hemostat	4
Hemolytic	1
Gonadotrophic	1

Activity	Chemical Count
Glutathione-Depleting	1
Glucosyl-Transferase-Inhibitor	3
Gastroprotective	1
Fungistat	1
Fungicide	10
FLavor	2
Febrifuge	1
Expectorant	1
Estrogenic?	1
Estrogenic	5
Elastase-Inhibitor	1
Dye	1
DNA-Protective	2
DNA-Active	1
Diuretic	9
Differentiator	3
Diaphoretic?	3
Diaphoretic	1
Detoxicant	2
Dermatitigenic	1
Depressant	1
Deiodinase-Inhibitor	4
Cytotoxic	9
Cytoprotective	2
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-1A1-Inhibitor	1
Cyclooxygenase-Inhibitor	7

Activity	Chemical Count
Cyclooxygenase-Activator	2
COX-2-Inhibitor	6
COX-1-Inhibitor	2
Cosmetic	1
Copper-Chelator	2
COMT-Inhibitor	1
COMP-Inhibitor	1
Comedolytic	1
Collagen-Sparing	2
Co-carcinogenic	1
CNS-Stimulant	1
CNS-Depressant	3
CNS-Active	2
Clastogenic	2
Choleretic	10
Cholagogue	3
Chemopreventive	6
Chelator	1
Cestodicide	1
Catabolic	2
Caspase-8-Inducer	1
Cardiotoxic	1
Cardiotonic	2
Cardioprotective	3
Cardiac	1
Carcinogenic	6
Capillariprotective	2

Activity	Chemical Count
Capillarigenic	2
Capillarifortificant	1
Candidicide	5
Candida-SAP-Inhibitor	1
Cancer-Preventive	21
cAMP-Phosphodiesterase-Inhibitor	3
cAMP-Inhibitor	1
Calmodulin-Antagonist	1
Calcium-Antagonist?	1
Calcium-Antagonist	4
Bradycardiac	1
Beta-Glucuronidase-Inhibitor	3
Beta-Blocker	1
Bacteristat	1
Autotoxic	1
ATPase-Inhibitor	1
Astringent	2
Ascaricide	1
Arteriodilator	1
Artemicide	1
Aromatase-Inhibitor	5
Apoptotic	8
Aphidifuge	1
Anxiolytic	2
Antiyeast	1
Antiwrinkle	1
Antiviral	18

Activity	Chemical Count
Antivaricose	1
Antivaccinia	1
Antiulcerogenic	1
Antiulcer	9
Antitympanic	1
Antitussive	3
Antitumor-Promoter	10
Antitumor (Thyroid)	1
Antitumor (Stomach)	2
Antitumor (Skin)	7
Antitumor (Pancreas)	1
Antitumor (Ovary)	3
Antitumor (Mouth)	1
Antitumor (Lung)	5
Antitumor (Liver)	2
Antitumor (Kidney)	1
Antitumor (Forestomach)	2
Antitumor (Colon)	6
Antitumor (Cervix)	2
Antitumor (Breast)	4
Antitumor (brain)	2
Antitumor (Bladder)	1
Antitumor	18
Antitrypanosomic	3
Antithyroid	5
Antithromboxane	1
Antithrombogenic	2

Activity	Chemical Count
Antithrombic	2
Antithiamin	2
AntiTGF-beta	1
Antisunburn	3
Antistress	1
Antistreptococcic	2
Antistomatitic	1
Antistaphylococcic	4
Antispasmodic	10
Antisickling	2
Antiserotonin	2
Antiseptic	8
Antiseborrheic	1
Antisclerodermic	1
Antirheumatic	2
Antirenitic	1
Antiradicular	13
Antipyretic	2
Antipurpuric	2
Antipsoriac	2
Antiprotozoal	1
Antiprostatitic	2
Antiprostataadenomic	1
Antiprostanoid	1
Antiprostaglandin	3
Antiproliferative	1
Antiproliferant	5

Activity	Chemical Count
Antiprogestational	1
Antipoliomyelitic	1
Antipolio	3
Antipodriac	1
Antipodagric	1
AntiPMS	1
Antiplatelet	1
Antiplasmodial	3
Antiplaque	4
Antipharyngitic	1
Antiperoxidant	9
Antipermeability	1
Antiperistaltic	2
Antiperiodontic	2
Antiperiodontal	2
Antiperiodic	1
Antipancreatic	1
Antioxidant	23
Antiosteotic	1
Antiophidic	4
Antioncychomycotic	1
Antiobesity?	1
Antinociceptive	6
Antinitrosaminic	5
Antineuropathic	1
Antineuritic	1
Antineurasthenic	1

Activity	Chemical Count
Antineuralgic	2
Antinephritic	3
Antineoplastic	1
Antimyocarditic	2
Antimutagenic	16
Antimitotic	1
Antimigraine	1
Antimetastatic	4
Antimelanomic	4
Antimelanogenic	3
Antimalarial	4
Antilymphomic	3
Antilymphocytic	1
AntiLyme	1
Antilipoperoxidant	2
Antilipolytic	1
Antileukotriene	3
Antileukemic	13
Antileishmanic	2
AntiLegionella	3
Antiischemic	2
Antiinflammatory	22
Antiimplantation	1
Antiichthyosic	1
Antihyperthyroid	3
Antihypertensive	3
Antihyperlipoproteinaemic	1

Activity	Chemical Count
Antihyperlipidemic	2
Antihypercholesterolemic	2
Antihydrophobic	1
AntiHIV	8
Antihistaminic	9
Antitherpetic	13
Antihepatotoxic	12
Antihepatoadenomic	1
Antihepatitic	1
Antihemorrhoidal	1
Antihemorrhagic	1
Antihemolytic	2
Antihematuric	1
Antiheartburn	1
Antihangover	1
AntiGTF	2
Antigonadotropic	3
Antigonadotrophic	1
Antiglaucomic	1
Antigingivitic	2
Antigenotoxic	1
Antigastritic	1
Antigastric	1
Antiflu	5
Antifibrosarcomic	2
Antifibrinolytic	1
Antifertility	3

Activity	Chemical Count
Antifeedant	9
Antifatigue	2
Antiestrogenic	5
Antiescherichic	3
Antierhythmic	1
Antiendotoxic	1
Antiencephalopathic	1
Antiencephalitic	1
Antielastase	4
Antiedemic	7
Antieczemic	1
AntiEBV	2
Antidyspeptic	1
Antidysmenorrhic	1
Antidysenteric	1
Antidiarrheic	1
Antidiabetic?	1
Antidiabetic	4
Antidermatotic	1
Antidermatitic	4
Antidermatic	2
Antidepressant	2
Antidementia	2
Antideliriant	1
Antidecubitic	1
Antidandruff	1
Anticystitic	1

Activity	Chemical Count
AntiCVI	1
AntiCrohn's	1
Anticonvulsant	1
Anticomplementary	3
Anticomplement	1
Anticolitic	2
Anticlastogen	3
Anticholestatic	1
Anticataract	6
Anticariogenic	5
Anticardiospasmic	1
Anticarcinomic (Breast)	1
Anticarcinomic	2
Anticarcinogenic	4
Anticapillary-Fragility	2
Anticanker	1
Anticancer (Skin)	2
Anticancer (Mouth)	1
Anticancer (Lung)	2
Anticancer (Liver)	2
Anticancer (Forestomach)	2
Anticancer (Esophagus)	1
Anticancer (Colon)	4
Anticancer (Cervix)	2
Anticancer (Breast)	1
Anticancer	8
Antiberiberi	1

Activity	Chemical Count
Antibacterial	24
Antibackache	1
Antiatherosclerotic	3
Antiatherogenic	3
Antiasthmatic	2
Antiarthritic	4
Antiarrhythmic	5
Antiapoplectic	1
Antianorectic	1
Antiangiogenic	3
Antiandrogenic	2
Antianaphylactic	2
Antialzheimeran	3
Antialopepic	1
Antiallergic	6
Antialcoholic	2
Antiaging	4
Antiaggregant	7
Antiaflatoxin	4
Antiadenoviral	1
Antiadenomic	1
AntiADD	1
Anthelmintic	2
Anorexic	1
Angiogenic	1
Androgenic	1
Analgesic	10

Activity	Chemical Count
Alpha-Glucosidase-Inhibitor	1
Allergenic	4
Allelopathic	3
Allelochemic	4
Aldose-Reductase-Inhibitor	18
Aldehyde-Oxidase-Inhibitor	2
ACE-Inhibitor	5
Abortifacient	1
5-Lipoxygenase-Inhibitor	2
5-HT-Inhibitor	1
5-Alpha-Reductase-Inhibitor	2
11B-HSD-Inhibitor	3