

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

Activity	Chemical Count
11B-HSD-Inhibitor	3
5-Alpha-Reductase-Inhibitor	2
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Abortifacient	1
ACE-Inhibitor	5
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	18
Allelochemic	4
Allelopathic	3
Allergenic	4
Alpha-Glucosidase-Inhibitor	1
Analgesic	10
Androgenic	1
Angiogenic	1
Anorexic	1
Anthelmintic	2
AntiADD	1
Antiadenomic	1
Antiadenoviral	1
Antiaflatoxin	4
Antiaggregant	7
Antiaging	4
Antialcoholic	2
Antiallergic	6
Antialopepic	1
Antialzheimeran	3

Activity	Chemical Count
Antianaphylactic	2
Antiandrogenic	2
Antiangiogenic	3
Antianorectic	1
Antiapoplectic	1
Antiarrhythmic	5
Antiarthritic	4
Antiasthmatic	2
Antiatherogenic	3
Antiatherosclerotic	3
Antibackache	1
Antibacterial	24
Antiberiberi	1
Anticancer	8
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	4
Anticancer (Esophagus)	1
Anticancer (Forestomach)	2
Anticancer (Liver)	2
Anticancer (Lung)	2
Anticancer (Mouth)	1
Anticancer (Skin)	2
Anticanker	1
Anticapillary-Fragility	2
Anticarcinogenic	4
Anticarcinomic	2

Activity	Chemical Count
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	5
Anticataract	6
Anticholestatic	1
Anticlastogen	3
Anticolitic	2
Anticomplement	1
Anticomplementary	3
Anticonvulsant	1
AntiCrohn's	1
AntiCVI	1
Anticystitic	1
Antidandruff	1
Antidecubitic	1
Antideliriant	1
Antidementia	2
Antidepressant	2
Antidermatic	2
Antidermatitic	4
Antidermatotic	1
Antidiabetic	4
Antidiabetic?	1
Antidiarrheic	1
Antidysenteric	1
Antidysmenorrhic	1
Antidyspeptic	1

Activity	Chemical Count
AntiEBV	2
Antieczemic	1
Antiedemic	7
Antielastase	4
Antiencephalitic	1
Antiencephalopathic	1
Antiendotoxic	1
Antierythemic	1
Antiescherichic	3
Antiestrogenic	5
Antifatigue	2
Antifeedant	9
Antifertility	3
Antifibrinolytic	1
Antifibrosarcomic	2
Antiflu	5
Antigastric	1
Antigastritic	1
Antigenotoxic	1
Antigingivitic	2
Antiglaucomic	1
Antigonadotrophic	1
Antigonadotropic	3
AntiGTF	2
Antihangover	1
Antiheartburn	1
Antihematuric	1

Activity	Chemical Count
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotoxic	12
Antiherpetic	13
Antihistaminic	9
AntiHIV	8
Antihydrophobic	1
Antihypercholesterolemic	2
Antihyperlipidemic	2
Antihyperlipoproteinaemic	1
Antihypertensive	3
Antihyperthyroid	3
Antiichthyosic	1
Antiimplantation	1
Antiinflammatory	22
Antiischemic	2
AntiLegionella	3
Antileishmanic	2
Antileukemic	13
Antileukotriene	3
Antilipolytic	1
Antilipoperoxidant	2
AntiLyme	1
Antilymphocytic	1

Activity	Chemical Count
Antilymphomic	3
Antimalarial	4
Antimelanogenic	3
Antimelanomic	4
Antimetastatic	4
Antimigraine	1
Antimitotic	1
Antimutagenic	16
Antimyocarditic	2
Antineoplastic	1
Antinephritic	3
Antineuralgic	2
Antineurasthenic	1
Antineuritic	1
Antineuropathic	1
Antinitrosaminic	5
Antinociceptive	6
Antiobesity?	1
Antioncychomycotic	1
Antiophidic	4
Antiosteotic	1
Antioxidant	23
Antipancreatitic	1
Antiperiodic	1
Antiperiodontal	2
Antiperiodontic	2
Antiperistaltic	2

Activity	Chemical Count
Antipermeability	1
Antiperoxidant	9
Antipharyngitic	1
Antiplatelet	4
Antiplasmodial	3
Antipodagric	1
AntiPMS	1
Antipodagric	1
Antipodriac	1
Antipolio	3
Antipoliomyelitic	1
Antiprogestational	1
Antiproliferant	5
Antiproliferative	1
Antiprostaglandin	3
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	2
Antiprotozoal	1
Antipsoriac	2
Antipurpuric	2
Antipyretic	2
Antiradicular	13
Antirenitic	1
Antirheumatic	2
Antisclerodermic	1
Antiseborrheic	1

Activity	Chemical Count
Antiseptic	8
Antiserotonin	2
Antisickling	2
Antispasmodic	10
Antistaphylococcic	4
Antistomatitic	1
Antistreptococcic	2
Antistress	1
Antisunburn	3
AntiTGF-beta	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	2
Antithromboxane	1
Antithyroid	5
Antitrypanosomic	3
Antitumor	18
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	4
Antitumor (Cervix)	2
Antitumor (Colon)	6
Antitumor (Forestomach)	2
Antitumor (Kidney)	1
Antitumor (Liver)	2
Antitumor (Lung)	5
Antitumor (Mouth)	1



Activity	Chemical Count
Antitumor (Ovary)	3
Antitumor (Pancreas)	1
Antitumor (Skin)	7
Antitumor (Stomach)	2
Antitumor (Thyroid)	1
Antitumor-Promoter	10
Antitussive	3
Antitympanic	1
Antiulcer	9
Antiulcerogenic	1
Antivaccinia	1
Antivaricose	1
Antiviral	18
Antiwrinkle	1
Antiyeast	1
Anxiolytic	2
Aphidifuge	1
Apoptotic	8
Aromatase-Inhibitor	5
Artemicide	1
Arteriodilator	1
Ascaricide	1
Astringent	2
ATPase-Inhibitor	1
Autotoxic	1
Bacteristat	1
Beta-Blocker	1

Activity	Chemical Count
Beta-Glucuronidase-Inhibitor	3
Bradycardiac	1
Calcium-Antagonist	4
Calcium-Antagonist?	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	21
Candida-SAP-Inhibitor	1
Candidicide	5
Capillarifortificant	1
Capillarigenic	2
Capillariprotective	2
Carcinogenic	6
Cardiac	1
Cardioprotective	3
Cardiotonic	2
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	2
Cestodicide	1
Chelator	1
Chemopreventive	6
Cholagogue	3
Choleretic	10
Clastogenic	2
CNS-Active	2

Activity	Chemical Count
CNS-Depressant	3
CNS-Stimulant	1
Co-carcinogenic	1
Collagen-Sparing	2
Comedolytic	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Copper-Chelator	2
Cosmetic	1
COX-1-Inhibitor	2
COX-2-Inhibitor	6
Cyclooxygenase-Activator	2
Cyclooxygenase-Inhibitor	7
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	2
Cytotoxic	9
Deiodinase-Inhibitor	4
Depressant	1
Dermatitigenic	1
Detoxicant	2
Diaphoretic	1
Diaphoretic?	3
Differentiator	3
Diuretic	9
DNA-Active	1
DNA-Protective	2

Activity	Chemical Count
Dye	1
Elastase-Inhibitor	1
Estrogenic	5
Estrogenic?	1
Expectorant	1
Febrifuge	1
FLavor	2
Fungicide	10
Fungistat	1
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	3
Glutathione-Depleting	1
Gonadotrophic	1
Hemolytic	1
Hemostat	4
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	14
Hepatotonic	1
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
HIV-RT-Inhibitor	3
Hyaluronidase-Inhibitor	2

Activity	Chemical Count
Hydrocholerectic	1
Hypercholesterolemic	1
Hypocholesterolemic	6
Hypoglycemic	6
Hypolipidemic	2
Hypotensive	8
ICAM-1-Inhibitor	3
IKK-Inhibitor	2
Immunomodulator	2
Immunostimulant	6
Immunosuppressant	3
iNOS-Inhibitor	4
Inotropic	3
Insecticide	1
Insectifuge	6
Insectiphile	3
Insulinogenic	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	2
JNK-Inhibitor	1
Juvabional	4
Keratolytic	1
Larvostat	3
Laxative	1
Leucocytogenic	1
Leukotriene-Inhibitor	2

Activity	Chemical Count
Lipoxygenase-Inhibitor	10
Lubricant	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	2
MAO-Inhibitor	4
MAPK-Inhibitor	2
Mast-Cell-Stabilizer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	2
MMP-9-Inhibitor	3
Musculotropic	1
Mutagenic	4
Myoprotective	1
Myorelaxant	3
NADH-Oxidase-Inhibitor	2
Natriuretic	1
Nematicide	1
NEP-Inhibitor	2
Nephrotoxic	1
Neuroprotective	3
NF-kB-Inhibitor	3
NO-Genic	1
NO-Inhibitor	3
NO-Synthase-Inhibitor	2
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	7

Activity	Chemical Count
Oviposition-Stimulant	2
P21-Inducer	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	2
Paralytic	1
Perfumery	1
Pesticide	26
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Phytoalexin	1
Piscicide	1
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Potassium-Sparing	1
Preservative	1
Progestational	1
Proliferant	2
Prooxidant	1
Propecic	3
Prostaglandigenic	5
Prostaglandin-Synthesis-Inhibitor	3
Prostaglandin-Synthetase-Inhibitor	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	3

Activity	Chemical Count
Protisticide	3
Psychotropic	1
PTK-Inhibitor	3
Quinone-Reductase-Inducer	6
Radioprotective	2
Reverse-Transcriptase-Inhibitor	1
Schistosomicide	1
Secretagogue	2
Sedative	2
Soap	1
Sodium-Sparing	1
Spermicide	1
Succinoxidase-Inhibitor	1
Sunscreen	6
Suppository	1
Sweetener	1
Taenicide	1
Teratologic	2
Thermogenic	1
Tineacide	1
Tissue-Thromboplastin-Inhibitor	1
TNF-alpha-Inhibitor	5
TOPO-2-Inhibitor	1
Topoisomerase-I-Antagonist	1
Topoisomerase-I-Inhibitor	5
Topoisomerase-II-Inhibitor	5
Trypanocide	1



Activity	Chemical Count
Tumorigenic	2
Tyrosinase-Inhibitor	4
Tyrosine-Kinase-Inhibitor	1
Ubiquitin	4
Ulcerogenic	2
Uterosedative	1
Uterotrophic	2
Vasodilator	5
Vasopressor	3
VEGF-Inhibitor	3
Vulnerary	2
Xanthine-Oxidase-Inhibitor	8