

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

<b>Activity</b>	<b>Chemical Count</b>
Pesticide	26
Antibacterial	24
Antioxidant	23
Antiinflammatory	22
Cancer-Preventive	21
Antitumor	18
Aldose-Reductase-Inhibitor	18
Antiviral	18
Antimutagenic	16
Hepatoprotective	14
Antiherpetic	13
Antiradicular	13
Antileukemic	13
Antihepatotoxic	12
Fungicide	10
Antispasmodic	10
Analgesic	10
Antitumor-Promoter	10
Lipoxygenase-Inhibitor	10
Choleretic	10
Diuretic	9
Antiperoxidant	9
Cytotoxic	9
Antiulcer	9
Antihistaminic	9
Antifeedant	9
Anticancer	8

Activity	Chemical Count
AntiHIV	8
Xanthine-Oxidase-Inhibitor	8
Antiseptic	8
Apoptotic	8
Hypotensive	8
Ornithine-Decarboxylase-Inhibitor	7
Antiedemic	7
Antiaggregant	7
Antitumor (Skin)	7
Cyclooxygenase-Inhibitor	7
Antinociceptive	6
Hypocholesterolemic	6
Antitumor (Colon)	6
Anticataract	6
Insectifuge	6
Immunostimulant	6
Carcinogenic	6
Antiallergic	6
Hypoglycemic	6
COX-2-Inhibitor	6
Chemopreventive	6
Quinone-Reductase-Inducer	6
Sunscreen	6
Prostaglandigenic	5
Estrogenic	5
Candidicide	5
Vasodilator	5

Activity	Chemical Count
ACE-Inhibitor	5
Topoisomerase-I-Inhibitor	5
Antiflu	5
Antiarrhythmic	5
Aromatase-Inhibitor	5
Antitumor (Lung)	5
Antinitrosaminic	5
TNF-alpha-Inhibitor	5
Anticariogenic	5
Antiproliferant	5
Antiostrogenic	5
Topoisomerase-II-Inhibitor	5
Antithyroid	5
Antistaphylococcic	4
Mutagenic	4
Antimalarial	4
Allelochemic	4
Hemostat	4
Antielastase	4
Antiaflatoxin	4
Anticarcinogenic	4
Antimelanomic	4
Allergenic	4
MAO-Inhibitor	4
Juvabional	4
Antiaging	4
Antiplaque	4

Activity	Chemical Count
iNOS-Inhibitor	4
Antidermatitic	4
Tyrosinase-Inhibitor	4
Antidiabetic	4
Antiophidic	4
Anticancer (Colon)	4
Ubiquiot	4
Calcium-Antagonist	4
Antitumor (Breast)	4
Deiodinase-Inhibitor	4
Antiarthritic	4
Antimetastatic	4
Antiplasmodial	3
Protisticide	3
Inotropic	3
Metal-Chelator	3
Antiatherogenic	3
Anticomplementary	3
Antiescherichic	3
Antihypertensive	3
PTK-Inhibitor	3
Antitussive	3
Myorelaxant	3
cAMP-Phosphodiesterase-Inhibitor	3
11B-HSD-Inhibitor	3
Cholagogue	3
Anticlastogen	3

Activity	Chemical Count
NF-kB-Inhibitor	3
Protein-Kinase-C-Inhibitor	3
Antisunburn	3
Propecic	3
VEGF-Inhibitor	3
ICAM-1-Inhibitor	3
Antilymphomic	3
Differentiator	3
Antigonadotropic	3
Antinephritic	3
Antileukotriene	3
Antitrypanosomic	3
Larvostat	3
Antifertility	3
Antiangiogenic	3
NO-Inhibitor	3
Cardioprotective	3
Prostaglandin-Synthesis-Inhibitor	3
Antimelanogenic	3
Antitumor (Ovary)	3
Allelopathic	3
Beta-Glucuronidase-Inhibitor	3
Antiatherosclerotic	3
HIV-RT-Inhibitor	3
AntiLegionella	3
CNS-Depressant	3
Antialzheimeran	3

Activity	Chemical Count
Antihyperthyroid	3
Neuroprotective	3
Glucosyl-Transferase-Inhibitor	3
Insectiphile	3
Immunosuppressant	3
MMP-9-Inhibitor	3
Vasopressor	3
Diaphoretic?	3
Antiprostaglandin	3
Antipolio	3
Antialcoholic	2
Antihyperlipidemic	2
Catabolic	2
Antiperistaltic	2
Vulnerary	2
Anticancer (Forestomach)	2
IKK-Inhibitor	2
Antidermatic	2
AntiGTF	2
Antipyretic	2
5-Lipoxygenase-Inhibitor	2
Antineuralgic	2
Tumorigenic	2
Histamine-Inhibitor	2
Antiischemic	2
CNS-Active	2
Secretagogue	2

Activity	Chemical Count
COX-1-Inhibitor	2
Teratologic	2
NO-Synthase-Inhibitor	2
Antithrombic	2
Iodothyronine-Deiodinase-Inhibitor	2
Cardiotonic	2
Antistreptococcic	2
Capillarigenic	2
Proliferant	2
Anticancer (Lung)	2
Antiserotonin	2
Metalloproteinase-Inhibitor	2
DNA-Protective	2
Anticancer (Cervix)	2
Hypolipidemic	2
Phagocytotic	2
Hyaluronidase-Inhibitor	2
Antitumor (brain)	2
Leukotriene-Inhibitor	2
Antimyocarditic	2
PAF-Inhibitor	2
Hepatotropic	2
Antileishmanic	2
Cyclooxygenase-Activator	2
Antifatigue	2
Antianaphylactic	2
Radioprotective	2

Activity	Chemical Count
Antihypercholesterolemic	2
AntiEBV	2
Antiperiodontic	2
FLavor	2
Anticancer (Skin)	2
Antitumor (Stomach)	2
Antihemolytic	2
Antidepressant	2
Ulcerogenic	2
Antipurpuric	2
Collagen-Sparing	2
Antitumor (Cervix)	2
Lubricant	2
Antiasthmatic	2
Clastogenic	2
Anxiolytic	2
Antithiamin	2
NEP-Inhibitor	2
Anticapillary-Fragility	2
Anticancer (Liver)	2
Immunomodulator	2
Uterotrophic	2
Antilipoperoxidant	2
Antitumor (Forestomach)	2
MAO-A-Inhibitor	2
Detoxicant	2
Antigingivitic	2



Activity	Chemical Count
Antiprostatic	2
Cytoprotective	2
Antifibrosarcomic	2
Astringent	2
Sedative	2
Antithrombogenic	2
Anticarcinomic	2
NADH-Oxidase-Inhibitor	2
Anthelmintic	2
Antiperiodontal	2
Capillariprotective	2
Antisickling	2
Antirheumatic	2
Copper-Chelator	2
Antidementia	2
Antitumor (Liver)	2
MAPK-Inhibitor	2
Aldehyde-Oxidase-Inhibitor	2
Antipsoriac	2
5-Alpha-Reductase-Inhibitor	2
Oviposition-Stimulant	2
Antiandrogenic	2
Hepatomagenic	2
Anticolitic	2
Sweetener	1
Antiendotoxic	1
Antiyeast	1

Activity	Chemical Count
NO-Genic	1
Gonadotrophic	1
Anticardiospasmic	1
AntiTGF-beta	1
Interferonogenic	1
Antieczemic	1
Antiulcerogenic	1
Nematicide	1
Antiadenomic	1
Cardiac	1
Anticancer	1
Antidiarrheic	1
Antitumor (Thyroid)	1
Androgenic	1
Antihemorrhagic	1
Preservative	1
Antiseborrheic	1
Antitumor (Mouth)	1
Uterosedative	1
Calmodulin-Antagonist	1
Piscicide	1
Comedolytic	1
Antidandruff	1
Lyase-Inhibitor	1
Dermatitigenic	1
Antigenotoxic	1
Beta-Blocker	1

Activity	Chemical Count
Antiprostataadenomic	1
Antilipolytic	1
Laxative	1
Antimitotic	1
Cytochrome-P450-1A2-Inhibitor	1
TOPO-2-Inhibitor	1
Antifibrinolytic	1
Ascaricide	1
P450-Inducer	1
Antianorectic	1
Antiprogestational	1
Hepatotonic	1
Aphidifuge	1
Antialopecic	1
AntiPMS	1
Chelator	1
Succinoxidase-Inhibitor	1
Antivaricose	1
Nephrotoxic	1
Gastroprotective	1
Prostaglandin-Synthetase-Inhibitor	1
Antidysmenorrhic	1
Anorexic	1
Antiperiodic	1
Expectorant	1
Antihepatitic	1
Antidermatotic	1

Activity	Chemical Count
Antitumor (Pancreas)	1
Antioncycchomycotic	1
Antiheartburn	1
Plasmodicide	1
Antirenetic	1
AntiLyme	1
COMT-Inhibitor	1
Antideliriant	1
Antitumor (Kidney)	1
Antineuritic	1
Diaphoretic	1
Tyrosine-Kinase-Inhibitor	1
Antiglaucomic	1
Bradycardiac	1
Antibackache	1
Antiprotozoal	1
AntiCrohn's	1
ATPase-Inhibitor	1
Antiproliferative	1
CNS-Stimulant	1
Soap	1
Antithromboxane	1
Tineacide	1
Antipodriac	1
Hepatocarcinogenic	1
Antiichthyosic	1
Suppository	1

Activity	Chemical Count
Antiencephalopathic	1
Antiwrinkle	1
Glutathione-Depleting	1
Caspase-8-Inducer	1
Anticarcinomic (Breast)	1
Insulinogenic	1
Natriuretic	1
AntiADD	1
Antidiabetic?	1
Musculotropic	1
Antiosteotic	1
Elastase-Inhibitor	1
Candida-SAP-Inhibitor	1
Potassium-Sparing	1
Anticancer (Esophagus)	1
Antisclerodermic	1
Mast-Cell-Stabilizer	1
Calcium-Antagonist?	1
Phytoalexin	1
Antiberiberi	1
Hypercholesterolemic	1
Spermicide	1
Anticystitic	1
5-HT-Inhibitor	1
Depressant	1
Trypanocide	1
Antigastritic	1

Activity	Chemical Count
Bacteristat	1
Perfumery	1
Antiprogesterone	1
HIF-1alpha-Inhibitor	1
Anticomplement	1
Antimigraine	1
Cytochrome-P450-1A1-Inhibitor	1
Arteriodilator	1
P21-Inducer	1
Antipoliomyelitic	1
Schistosomicide	1
Cosmetic	1
Taenicide	1
Antierythemic	1
Antiplatelet	1
Hemolytic	1
Antihyperlipoproteinaemic	1
Cestodicide	1
Psychotropic	1
Interleukin-6-Inhibitor	1
Antivaccinia	1
Antiadenoviral	1
Antipermeability	1
Fungistat	1
Antistomatitic	1
Insecticide	1
Antidysenteric	1

Activity	Chemical Count
Myoprotective	1
Angiogenic	1
Antipancreatitis	1
Estrogenic?	1
Antihemorrhoidal	1
Capillarifortificant	1
Progestational	1
Metal-Chelator (Copper)	1
Antiobesity?	1
DNA-Active	1
Antihangover	1
cAMP-Inhibitor	1
PKC-Inhibitor	1
Anticancer (Breast)	1
COMP-Inhibitor	1
Antidecubitic	1
Abortifacient	1
Antineurasthenic	1
PGE2-Inhibitor	1
Anticonvulsant	1
Antitumor (Bladder)	1
Leucocytogenic	1
Topoisomerase-I-Antagonist	1
P450-Inhibitor	1
Antiapoplectic	1
Hepatotoxic	1
Thermogenic	1

Activity	Chemical Count
Nodulation-Signal	1
Antipodagric	1
Hemostatic	1
Anticholestatic	1
JNK-Inhibitor	1
Antiencephalitic	1
Antipharyngitic	1
Antihydrophobic	1
Cardiotoxic	1
Protease-Inhibitor	1
Antistress	1
Antidyspeptic	1
Antitympanitic	1
Febrifuge	1
Antihepatoadenomic	1
Prooxidant	1
Anticancer (Mouth)	1
Alpha-Glucosidase-Inhibitor	1
Dye	1
Antihematuric	1
Polyamine-Synthesis-Inhibitor	1
Antilymphocytic	1
Antineuropathic	1
Antigonadotrophic	1
Phospholipase-Inhibitor	1
Hydrocholerectic	1
AntiCVI	1



Activity	Chemical Count
Antineoplastic	1
Antigastric	1
Autotoxic	1
Paralytic	1
Herbicide	1
Co-carcinogenic	1
Sodium-Sparing	1
Keratolytic	1
Tissue-Thromboplastin-Inhibitor	1
Artemicide	1
Antiimplantation	1
Reverse-Transcriptase-Inhibitor	1