

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Armoracia rusticana***

<b>Activity</b>	<b>Chemical Count</b>
11B-HSD-Inhibitor	2
5-Lipoxygenase-Inhibitor	3
Absorbent	1
Acantholytic	1
Acaricide	1
Acarifuge	1
ACE-Inhibitor	1
Acetylcholinergic	1
AChE-Inhibitor	1
Acidulant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	7
Allelochemic	2
Allelopathic	1
Allergenic	7
Amphiglycemic?	1
Analgesic	8
Androgenic	2
Androgenic?	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	3
Anthelmintic	2
Antiacetylcholinesterase	1
Antiacne	5
Antiacrodermatitic	1
Antiacrodynic	1

Activity	Chemical Count
Antiadenomic	2
Antiadenoviral	1
Antiadrenalinic	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	9
Antiaging	5
Antiakathisic	1
Antialcoholic	5
Antiallergic	5
Antialopepic	1
Antialzheimeran	5
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	1
Antianemic	3
Antianginal	2
Antiangiogenic	3
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavivotic	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	10
Antiasthmatic	8

Activity	Chemical Count
Antiasthmatic?	1
Antiatherogenic	1
Antiatheromic	1
Antiatherosclerotic	6
Antibackache	1
Antibacterial	16
Antiberiberi	1
AntiBPH	1
Anticancer	6
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Esophagus)?	1
Anticancer (Lung)	1
Anticanker	3
Anticapillary-Fragility	2
Anticarcinogenic	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	7
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1

Activity	Chemical Count
Anticirrhotic	1
Anticirrhotic?	1
Anticlimacteric	4
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	1
Anticonvulsant	2
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
Anticystitic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	4
Antidepressant	7
Antidermatitic	2
Antidiabetic	11
Antidiabetic?	1
Antidiarrheic	2
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Iodine)	1
Antidote (Lead)	3

Activity	Chemical Count
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	1
Antidyspeptic	1
Antidysphagic	1
Antieczemic	2
Antiedemic	4
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	3
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antiescherichic	3
Antiesophagitic	1
Antiestrogenic	2
Antifatigue	7
Antifeedant	6
Antifertility	2
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	3

Activity	Chemical Count
Antifuruncular	1
Antigallstone	2
Antigastric	1
Antigastritic	3
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	2
Antigout	1
Antigrey	1
AntiGTF	1
Antihangover	5
Antiheartburn	1
Antihemolytic	1
Antihemorrhagic	1
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotoxic	7
Antitherpetic	6
Antitherpetic?	1
Antihistaminic	5
AntiHIV	5
Antihydrophobic	1
Antihyperactivity	1

Activity	Chemical Count
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihyperthyroid	1
Antihypoglycemic	1
Antiichthyotic	1
Antiimplantation	1
Antiimpotence	2
Antiinfective	1
Antiinfertility	3
Antiinflammatory	13
Antiinsomniac	3
Antiinsomnic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	2
AntiLegionella	1
Antileishmanic	1
Antileptic	2
Antileukemic	6
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antilipolytic	1
Antilipoperoxidant	2

Activity	Chemical Count
Antilithic	4
Antilupus	1
AntiLyme	5
Antilymphocytic	1
Antilymphomic	3
Antimaculitic	4
Antimalarial	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	2
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	4
Antimetastatic (Stomach)	1
Antimigraine	4
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	14
Antimyalgic	1
Antimyocarditic	2
Antinauseant	1
Antinephritic	1
Antinephrolytic	1
Antinesidioblastosic	1



Activity	Chemical Count
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	7
Antionychyotic	1
Antiophidic	4
Antiorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	9
Antiototic	1
Antioxidant	16
Antioxidant?	1
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1

Activity	Chemical Count
Antiperiodontic	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	3
Antiperoxyinitrite	1
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	4
Antiplasmodial	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	2
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatitic	3
Antiprostatotic	1
Antipsoriac	2
Antipyretic	4

Activity	Chemical Count
Antiradicular	9
AntiRaynaud's	3
Antirenetic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	6
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	10
Antiserotonin	1
Antishingles	1
Antisickling	3
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	8
Antispasmophilic	1
Antistaphylococcic	3
Antistomatitic	2
Antistreptococcic	1
Antistress	4
Antistroke	2
Antisunburn	1
Antisyndrome-X	6
Antithiamin	2
Antithrombic	1

Activity	Chemical Count
Antithyroid	1
Antititic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	9
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	5
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Esophagus)?	1
Antitumor (Gastric)	1
Antitumor (Lung)	5
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	4
Antitumor (Skin)	2
Antitumor (Stomach)	2
Antitumor-Promoter	5
Antitussive	1
Antiulcer	8
Antiulcerogenic	2
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	1

Activity	Chemical Count
Antivaricose	1
Antivertigo	1
Antiviral	10
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	6
AP-1-Inhibitor	1
Aphrodisiac	1
Apoptotic	6
Aromatase-Inhibitor	1
Artemicide	2
Ascaricide	1
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Bronchoprotectant	1
Calcium-Antagonist	3
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	20
Candidicide	4

Activity	Chemical Count
Candidistat	1
Capillariprotective	1
Carcinogenic	4
Cardiodepressant	1
Cardiomyopathogenic	1
Cardioprotective	9
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	1
Chelator	1
Chemopreventive	4
Cholagogue	1
Choleretic	5
Cholesterolytic	1
Circulotonic	1
Clastogenic	1
CNS-Active	1
CNS-Depressant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Colorant	1
Comedogenic	1
COMT-Inhibitor	2
Contraceptive	1
Copper-Antagonist	1

Activity	Chemical Count
Copper-Chelator	2
Cosmetic	1
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Decongestant	1
Deiodinase-Inhibitor	1
Demulcent	1
Deodorant	1
Depressant	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	2
Differentiator	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Embryotoxic	2
Emollient	1
Encephalopathic	1
Energizer	1
Enterocontractant	1

Activity	Chemical Count
Ergogenic	1
Erythrocytogenic	1
Estrogenic	5
Expectorant	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	1
Fungicide	11
Fungiphilic	1
Fungistat	2
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
GST-Inducer	1
Hemostat	2
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	7
Hepatotoxic	1
Hepatotropic	1
Herbicide	2
Histamine-Inhibitor	1
Histaminic	1
HIV-RT-Inhibitor	2
Hyperglycemic	2
Hypertensive	3



Activity	Chemical Count
Hypoammonemic	1
Hypocholesterolemic	12
Hypoglycemic	8
Hypolipidemic	2
Hypotensive	8
Hypouricemic	1
ICAM-1-Inhibitor	1
Immunomodulator	7
Immunostimulant	6
Immunosuppressant	4
iNOS-Inhibitor	2
Inotropic	2
Insecticide	1
Insectifuge	3
Insectiphile	1
Insulin-Sparing	1
Insulinogenic	4
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	1
Keratolytic	1
Larvicide	1
Larvostat	1

Activity	Chemical Count
Laxative	6
Leptingenic	1
Leukotriene-Inhibitor	1
Lipolytic	1
Lipoxygenase-Inhibitor	5
Lithogenic	2
Litholytic	1
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
MMP-9-Inhibitor	1
Mucogenic	2
Mucolytic	1
Musculotropic	1
Mutagenic	4
Myorelaxant	3
NADH-Oxidase-Inhibitor	1
Natriuretic	1
Nematicide	1
Nematiovistat	1
Neoplastic	1

Activity	Chemical Count
NEP-Inhibitor	1
Nephrotoxic	2
Neuroprotective	3
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Genic	2
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	5
Osteogenic	1
Ovulant	1
Ozone-Scavenger	1
P450-Inducer	2
P450-Inhibitor	1
PAF-Inhibitor	1
Parasiticide	1
Pemphigenic	1
Peristaltic	2
Pesticide	24
PGE2-Inhibitor	1
Phagocytotic	2
Phospholipase-Inhibitor	1
Photosensitizer	1
Phytoalexin	1
Pituitary-Stimulant	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1

Activity	Chemical Count
Poultice	1
Proliferant	1
Prooxidant	3
Prostaglandigenic	2
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	2
Protisticide	1
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	6
Respiradepressant	1
Scabicide	1
Schizophrenigenic	1
Secretagogue	1
Sedative	5
Serotoninergic	1
Spermicide	1
Spermigenic	2
Spice	1
Sunscreen	2
Sweetener	1
Teratologic	2
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	2

Activity	Chemical Count
Topoisomerase-II-Inhibitor	2
Tranquilizer	2
Transdermal	1
Trichomonicide	1
Tumorigenic	2
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	4
Ulcerogenic	1
Uricosuric	2
Urinary-Acidulant	1
Uterorelaxant	1
Uterotrophic	1
UV-Screen	1
Vasodilator	9
VEGF-Inhibitor	2
Vulnerary	3
Xanthine-Oxidase-Inhibitor	4