

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Rhododendron ponticum***

<b>Activity</b>	<b>Chemical Count</b>
5-Lipoxygenase-Inhibitor	1
ACE-Inhibitor	4
Aldose-Reductase-Inhibitor	2
Allelochemic	5
Allergenic	2
Anabolic	1
Analgesic	4
Androgenic	1
Angiogenic	1
Anorexic	1
Anthelmintic	1
Antiadenomic	1
Antiadenoviral	1
Antiaggregant	4
Antiaging	1
Antiallergenic	1
Antialzheimeran	1
Antianaphylactic	2
Antiandrogenic	1
Antiarrhythmic	1
Antiartritic	1
Antiatherogenic	1
Antiatherosclerotic	1
Antibacterial	10
Anticancer	3
Anticancer (Breast)	1
Anticancer (Cervix)	1

Activity	Chemical Count
Anticancer (Colon)	2
Anticancer (Foreestomach)	1
Anticancer (Liver)	1
Anticancer (Lung)	1
Anticancer (Skin)	1
Anticarcinogenic	2
Anticarcinomic	1
Anticariogenic	2
Anticholestatic	1
Anticoagulant	1
Anticomplement	1
Anticomplementary	2
Antidepressant	1
Antidiabetic	4
Antidiarrheic	1
Antidysenteric	1
AntiEBV	4
Antiedemic	5
Antielastase	1
Antiescherichic	2
Antiestrogenic	1
Antifeedant	4
Antifertility	1
Antifibrosarcomic	1
Antiflu	1
Antigastric	1
Antigenotoxic	1

Activity	Chemical Count
Antigingivitic	1
Antigonadotrophic	2
Antigonadotropic	2
Antihemolytic	2
Antihepatitic	2
Antihepatoadenomic	1
Antihepatotoxic	4
Antiherpetic	2
Antihistaminic	4
AntiHIV	8
Antihypercholesterolemic	2
Antihyperglycemic	2
Antihyperlipidemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	1
Antihyperthyroid	2
Antiinflammatory	10
AntiLegionella	2
Antileishmanic	1
Antileukemic	5
Antileukotriene	3
Antilipolytic	1
Antilipoperoxidant	2
Antilymphomic	2
Antimalarial	1
Antimelanogenic	3
Antimetastatic	1

Activity	Chemical Count
Antimutagenic	11
Antinephritic	2
Antinitrosaminic	2
Antinociceptive	2
Antiobesity?	1
Antiophidic	3
Antioxidant	13
Antiperiodontic	1
Antiperoxidant	6
Antiplateque	1
Antiplasmodial	1
Antipolio	1
Antiprogestational	1
Antiproliferant	1
Antiproliferative	2
Antiprostaglandin	3
Antiprostataadenomic	1
Antiprostatic	1
Antipyretic	1
Antiradicular	4
Antirenitic	1
Antiseptic	4
Antispasmodic	1
Antistaphylococcic	2
Antistomatitic	1
Antistreptococcic	1
Antisunburn	2

Activity	Chemical Count
AntiTGF-beta	1
Antithiamin	1
Antithromboxane	1
Antithyroid	2
Antithyrototoxic	1
Antitrypanosomic	1
Antitumor	5
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (Cervix)	2
Antitumor (Colon)	2
Antitumor (Forestomach)	1
Antitumor (Liver)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Skin)	2
Antitumor (Stomach)	2
Antitumor-Promoter	4
Antitussive	1
Antiulcer	5
Antiulcerogenic	1
Antivaccinia	1
Antiviral	8
Anxiolytic	1
Apoptotic	2
Aromatase-Inhibitor	1
Artemicide	2

Activity	Chemical Count
Autotoxic	1
Bactericide	1
Beta-Adrenergic Receptor Blocker	3
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Calcium-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	1
Cancer-Preventive	9
Candidicide	4
Carcinogenic	2
Cardioprotective	2
Cardiotonic	4
Caspase-8-Inducer	1
Chelator	1
Chemopreventive	2
Cholagogue	2
Choleretic	3
Choline-Sparing	2
Clastogenic	2
CNS-Active	2
CNS-Depressant	1
CNS-Stimulant	1
Co-carcinogenic	1
Collagen-Sparing	2
COMP-Inhibitor	2
COX-1-Inhibitor	1
COX-2-Inhibitor	3

Activity	Chemical Count
Cyclooxygenase-Inhibitor	3
Cytoprotective	1
Cytotoxic	6
Dermatitigenic	1
Diuretic	6
DNA-Active	1
DNA-Protective	1
Elastase-Inhibitor	1
Estrogenic	1
Febrifuge	1
Fungicide	2
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemostat	1
Hepatocarcinogenic	1
Hepatoprotective	7
Hepatotropic	2
Histamine-Inhibitor	2
Hypocholesterolemic	3
Hypoglycemic	6
Hypolipidemic	1
Hypotensive	2
Immunomodulator	1
Immunostimulant	4
Immunosuppressant	1
Insectifuge	3

Activity	Chemical Count
Insulin-Sparing	1
Insulinogenic	2
Interferonogenic	1
Interleukin-1-alpha-Inhibitor	1
Interleukin-6-mRNA-Inhibitor	1
Juvabional	1
Larvostat	2
Leucocytogenic	1
Leukotriene-Inhibitor	2
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	9
Lyase-Inhibitor	1
MAO-Inhibitor	1
Metal-Chelator	2
MMP-9-Inhibitor	1
Mutagenic	1
Mycoplasmistat	1
Neuroprotective	1
NO-Genic	1
NO-Inhibitor	2
Ornithine-Decarboxylase-Inhibitor	4
Oviposition-Stimulant	1
Oxidase-Inhibitor	1
Pancreatogenic	2
Peroxynitrite-Scavenger	1
Pesticide	10
Phagocytotic	1



Activity	Chemical Count
Pigment	2
Piscicide	1
Potassium-Sparing	1
Prooxidant	1
Propepic	1
Prostaglandigenic	1
Protease-Inhibitor	1
Protisticide	1
Psychotropic	1
Quinone-Reductase-Inducer	2
Reverse-Transcriptase-Inhibitor	1
Sedative	1
Sodium-Sparing	1
Spermicide	1
Sunscreen	2
Sweetener	1
TNF-alpha-Inhibitor	1
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	1
Trypanocide	1
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	1
Ubiquit	1
Ulcerogenic	1
Urinary-Antiseptic	1

Activity	Chemical Count
Vasoconstrictor	1
Vasodilator	2
Vasopressor	1
Vulnerary	2
Xanthine-Oxidase-Inhibitor	5