

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Plantago ovata***

<b>Activity</b>	<b>Chemical Count</b>
5-Alpha-Reductase-Inhibitor	4
Acetylcholinergic	1
Aggregant	1
Aldose-Reductase-Inhibitor	1
Allergenic	1
Alpha-Reductase-Inhibitor	1
Analgesic	2
Androgenic	1
Anemiagenic	1
Angiogenic	1
Anorexic	1
Anthelmintic	1
Antiacid	1
Antiacne	1
Antiadenomic	1
Antialcoholic	1
Antialdosteronic	1
Antialkali?	1
Antiallergic	1
Antialopepic	3
Antianaphylactic	1
Antiandrogenic	4
Antiangiogenic	1
Antiartherosclerotic	1
Antiarthritic	1
Antiatherogenic	1
Antibacterial	4

Activity	Chemical Count
Anticancer	1
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticarcinogenic	1
Anticarcinomic	1
Anticariogenic	1
Anticataract	1
Anticomplementary	1
Anticoronary	1
Antidepressant?	1
Antidermatic	1
Antidiabetic	2
Antidiarrheic	1
Antidote (Amanitin)	1
Antidote (Hypoglycin-A)	1
Antidysenteric	1
Antieczemic	1
Antiedemic	5
Antiencephalopathic	3
Antiepileptic	1
Antiestrogenic	2
Antifeedant	2
Antifertility	1
Antifibrinolytic	2
Antigastric	1
Antigonadotrophic	1

Activity	Chemical Count
Antigranular	1
Antihangover	1
Antihepatotoxic	4
Antitherpetic	1
Antihiccup	1
Antihistaminic	2
AntiHIV	2
Antihyperammonemic	1
Antihyperlipoproteinaemic	1
Antihypertensive	1
Antiinflammatory	9
Antiketotic	2
Antileukemic	3
Antileukotriene-D4	2
Antilipolytic	1
Antilithic	1
Antilymphomic	2
Antimelanomic	1
Antimenorrhagic	1
AntiMS	1
Antimutagenic	4
Antinauseant	1
Antinephritic	1
Antinociceptive	4
Antiophidic	3
Antiophthalmic	1
Antioxidant	9

Activity	Chemical Count
Antiparkinsonian	1
Antiphenylketonuric	1
Antipolio	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	1
Antiprostaglandin	1
Antiprostataadenomic	1
Antiprostatitic	4
Antiprostatotic	1
Antipruritic	1
Antipyretic	1
Antiradicular	1
Antirenitic	1
Antiretardation	1
Antisickling	1
Antispasmodic	1
Antistaphylococcic	1
Antitumor	3
Antitumor (brain)	1
Antitumor (Breast)	1
Antitumor (Cervix)	1
Antitumor (Colon)	1
Antitumor (Kidney)	1
Antitumor (Lung)	2
Antitumor (Ovary)	1
Antitumor (Pancreas)	1

Activity	Chemical Count
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor (Thyroid)	1
Antitumor-Promoter	1
Antitussive	1
Antiulcer	5
Antivaricose	1
Antiviral	4
Anxiolytic	1
Aphidifuge	1
Apoptotic	2
Aromatase-Inhibitor	1
Artemicide	2
Atherogenic	1
Bacteristat	1
Beta-Glucuronidase-Inhibitor	1
Calcium-Antagonist	1
Cancer-Preventive	10
Candidicide	2
Carcinogenic	2
Caspase-8-Inducer	1
Cathartic	1
Chelator	1
Chemopreventive	1
Choleretic	2
Collagenic	1
Collyrium	1

Activity	Chemical Count
Comedolytic	1
Cosmetic	4
Cyclooxygenase-Inhibitor	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Demulcent	2
Dermatitigenic	1
Diagnostic	1
Differentiator	1
Diuretic	3
Dye	1
Essential	1
Estrogenic	3
Febrifuge	1
Flatugenic	1
FLavor	4
Gastroprotective	2
Glucosyl-Transferase-Inhibitor	1
Gonadotrophic	1
Hemolytic	1
Hepatoprotective	7
Hyaluronidase-Inhibitor	1
Hypercholesterolemic	3
Hyperglycemic	1
Hypocholesterolemic	9
Hypoglycemic	1
Hypolipidemic	1

Activity	Chemical Count
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Immunomodulator	1
Immunosuppressant	1
iNOS-Inhibitor	1
Insectifuge	3
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
Lactagogue	1
Larvicide	1
Laxative	2
Lipoxygenase-Inhibitor	2
Lubricant	3
MAO-Inhibitor	1
MAPK-Inhibitor	1
Memory-Enhancer	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	1
Mosquitocide	1
Myorelaxant	1
Nematicide	3
Neoplastic	1
NEP-Inhibitor	1
Neuroinhibitor	1
Neurotoxic	1

Activity	Chemical Count
NF-kB-Inhibitor	1
NO-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	1
Ovulant	1
Paralytic	1
Percutaneostimulant	1
Perfumery	2
Pesticide	6
Preservative	1
Proliferant	1
Propecic	4
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Psychotropic	1
PTK-Inhibitor	1
RNA-Inhibitor	1
Sedative	1
Soap	1
Spermicide	1
Succinoxidase-Inhibitor	1
Suppository	1
Sweetener	3
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Triglycerigenic	1
Ubiquiot	1
Ulcerogenic	1



Activity	Chemical Count
Uricogenic	1
Uricosuric	2
Vasodilator	1
VEGF-Inhibitor	1
Vulnerary	1
Xanthine-Oxidase-Inhibitor	2