

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Holarrhena pubescens***

<b>Activity</b>	<b>Chemical Count</b>
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	4
5-Lipoxygenase-Inhibitor	2
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	3
Allelochemic	1
Allelopathic	2
Allergenic	2
Alpha-Reductase-Inhibitor	1
Amebicide	2
Analgesic	2
Androgenic	1
Anemiagenic	1
Anesthetic	1
Angiogenic	1
Anorexic	1
Anthelmintic	2
Antiacne	1
Antiadenomic	1
Antiaflatoxin	2
Antiaggregant	2
Antiaging	1
Antiallergic	2
Antialopepic	3
Antialzheimeran	2
Antianaphylactic	2
Antiandrogenic	4

Activity	Chemical Count
Antiangiogenic	2
Antiarrhythmic	1
Antiarteriosclerotic	1
Antiarthritic	3
Antiasthmatic	1
Antiatherosclerotic	1
Antibacterial	6
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Colon)	1
Anticancer (Lung)	1
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticariogenic	3
Anticataract	1
Anticholestatic	1
Anticolitic	1
Anticomplement	1
Anticomplementary	1
Anticoronary	1
AntiCrohn's	1
Anticystitic	1
Antidepressant	1
Antidermatitic	1
Antidiabetic	2
Antidiarrheic	1

Activity	Chemical Count
Antidysenteric	2
AntiEBV	2
Antieczemic	1
Antiedemic	3
Antielastase	1
Antiencephalitic	1
Antiescherichic	2
Antiestrogenic	2
Antifatigue	1
Antifeedant	2
Antifertility	2
Antifibrinolytic	2
Antifibrosarcomic	2
Antiflu	2
Antigastric	1
Antigingivitic	1
Antigonadotrophic	1
Antigonadotropic	1
Antigranular	1
AntiGTF	1
Antihepatotoxic	5
Antitherpetic	2
Antihistaminic	4
AntiHIV	3
Antihydrophobic	1
Antihyperglycemic	1
Antihyperlipidemic	1

Activity	Chemical Count
Antihyperlipoproteinaemic	1
Antihypertensive	2
Antiimplantation	1
Antiinflammatory	9
Antileishmanic	2
Antileukemic	5
Antileukotriene	1
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	1
Antilithic	1
Antilymphocytic	1
Antilymphomic	2
Antimalarial	3
Antimelanomic	1
Antimenorrhagic	1
Antimetastatic	2
AntiMS	1
Antimutagenic	5
Antimyocarditic	1
Antinephritic	2
Antinitrosaminic	1
Antinociceptive	2
Antiobesity?	1
Antiophidic	3
Antioxalate	1
Antioxidant	11

Activity	Chemical Count
Antipancreatic	1
Antiperiodontal	1
Antiperiodontic	1
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	5
Antipharyngitic	1
Antiplateau	2
Antiplasmodial	2
AntiPMS	1
Antipodriac	1
Antipolio	1
Antiprogestational	1
Antiproliferant	1
Antiproliferative	1
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antipsoriac	1
Antipyretic	2
Antiradicular	5
Antirenitic	1
Antirheumatic	1
Antiseptic	2
Antiserotonin	1
Antisickling	1

Activity	Chemical Count
Antispasmodic	2
Antistaphylococcic	2
Antistreptococcic	1
AntiTGF-beta	1
Antithiamin	1
Antithrombic	1
Antithromboxane	1
Antitrypanosomic	2
Antitubercular	1
Antitumor	7
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	3
Antitumor (Cervix)	2
Antitumor (Colon)	2
Antitumor (Lung)	3
Antitumor (Ovary)	2
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	5
Antiulcer	4
Antiurethritic	1
Antiurethrotic	1
Antiviral	7
Apoptotic	3
Aromatase-Inhibitor	2
Artemicide	2

Activity	Chemical Count
Ascaricide	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Blocker	1
Beta-Glucuronidase-Inhibitor	1
Bradycardiac	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	2
Cancer-Preventive	9
Candidicide	3
Capillariprotective	1
Carcinogenic	4
Cardiodepressant	4
Cardioprotective	1
Cardiotonic	1
Caspase-8-Inducer	1
Catabolic	1
Chelator	1
Choleretic	4
CNS-Depressant	1
CNS-Paralytic	1
Comedolytic	1
COMT-Inhibitor	1
Copper-Chelator	2
Cosmetic	1
COX-2-Inhibitor	3
Cyclooxygenase-Inhibitor	4

Activity	Chemical Count
Cytochrome-P450-1A2-Inhibitor	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Dermatitigenic	1
Diaphoretic?	2
Differentiator	1
Diuretic	2
Elastase-Inhibitor	1
Estrogenic	4
Febrifuge	1
FLavor	3
FPTase-Inhibitor	1
Fungicide	3
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
Hemolytic	1
Hemostat	1
Hepatomagenic	1
Hepatoprotective	6
HIV-RT-Inhibitor	2
Hypercholesterolemic	1
Hypocholesterolemic	5
Hypoglycemic	3
Hypolipidemic	1
Hypotensive	3
ICAM-1-Inhibitor	1
Immunomodulator	2



Activity	Chemical Count
Immunosuppressant	2
iNOS-Inhibitor	2
Inotropic	2
Insectifuge	2
Insulinogenic	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	1
JNK-Inhibitor	1
Juvabional	1
Larvostat	1
Laxative	1
Leucocytogenic	1
Lipoxygenase-Inhibitor	4
Lubricant	2
MAO-A-Inhibitor	1
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	2
Mutagenic	2
NADH-Oxidase-Inhibitor	1
Narcotic	1
Natriuretic	1
Nematicide	2
NEP-Inhibitor	1

Activity	Chemical Count
Neuroprotective	2
Neurotoxic	1
NF-kB-Inhibitor	1
NO-Inhibitor	2
NO-Synthase-Inhibitor	1
Ornithine-Decarboxylase-Inhibitor	3
Ovulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Percutaneostimulant	1
Perfumery	2
Pesticide	10
PGE2-Inhibitor	1
Phospholipase-Inhibitor	1
Piscicide	1
Plasmodicide	1
Potassium-Sparing	1
Proliferant	1
Propepic	4
Prostaglandin-Synthesis-Inhibitor	1
Protease-Inhibitor	1
Protein-Kinase-C-Inhibitor	1
Protisticide	3
Psychotropic	1
PTK-Inhibitor	1
Quinone-Reductase-Inducer	3

Activity	Chemical Count
Sedative	1
Soap	1
Sodium-Sparing	1
Spermicide	1
Suppository	1
Teratologic	2
TNF-alpha-Inhibitor	2
TOPO-2-Inhibitor	2
Topoisomerase-I-Inhibitor	2
Topoisomerase-II-Inhibitor	2
Tremorigenic	1
Trichomonicide	1
Trypanocide	1
Tumorigenic	1
Tyrosinase-Inhibitor	2
Tyrosine-Kinase-Inhibitor	1
Ubiquit	3
Ulcerogenic	1
Uterotrophic	1
Vasodilator	2
Vasopressor	1
VEGF-Inhibitor	1
Xanthine-Oxidase-Inhibitor	2