

List of All Chemicals

P Acacia melanoxyton (Fabaceae)

Common name(s)

Blackwood

How used

GRAS

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Part	All parts ...	Low PPM	High PPM	StdDev	*Reference
2,6-DIMETHOXY-1,4-BENZOQUINONE	Plant		--	--		*
2-METHYL-6-METHOXY-FURANOBENZOQUINONE	Plant		--	--		*
6-METHOXY-2-METHYL-3,5-DIHYDROBENZOFURANO-4,7-DIONE	Plant		--	--		*
ACAMELIN	Plant		--	--		*
Activities (1)						
Allergenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
ACETIC-ACID	Plant		--	--		*
Activities (16)						
Acidulant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Antibacterial 5,000 ppm						
Antiotitic	Martindale's 28th					
Antisalmonella						
Antivaginitic 1-2%						
Expectorant	Martindale's 28th					
Fungicide	Martindale's 29th					
Keratitigenic						
Mucolytic	Martindale's 29th					
Osteolytic						
Perfumery FEMA 6,000-40,000 ppm	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry					
Pesticide						
Protisticide	Martindale's 29th					
Spermicide	Martindale's 28th					
Ulcerogenic	HerbalGram No. 20, page 9.					
Verrucolytic						
ANTHOCYANIDINS	Plant		--	--		*
Activities (10)						
Antidysmenorrheic 20-40 mg 3 x day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.					
Antioxidant						
Antiperiodontal	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).					
Antiplateau	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).					
Collagenase-Inhibitor						
Collagenic						
Metal-Chelator						
Myorelaxant 20-40 mg 3 x day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.					
Ornithine-Decarboxylase-Inhibitor						
Prooxidant						
CELLULOSE	Plant		--	--		*

Activities (1)						
Hemostat	Martindale's 29th					
DIHYDROSPINASTEROL	Wood	--	--			*
FAT	Seed	--	76000.0	-1.0		*
FLAVAN-3,4-DIOL	Plant	--	--			*
GIBBERELLIC-ACID	Plant	--	--			*
HYPEROSIDE	Plant	--	--			*
Activities (30)						
Aldose-Reductase-Inhibitor	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Analgesic						
Antiaging						
Antibacterial MIC=250-500 ug/ml	Planta Medica, 57: A43, 1991.					
Anticancer						
Anticapillary-Fragility	Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp.					
Antidermatitic						
Antielastase IC50=0.15 ug/ml						
Antiflu	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.					
Antihepatotoxic	Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp.					
Antiinflammatory 1/4 indomethacin	Planta Medica, 57: A131, 1991.					
Antiischemic						
Antinociceptive						
Antioxidant IC50=4.6 uM						
Antiradicular						
Antitussive						
Antiviral						
Antiwrinkle						
Calcium-Antagonist						
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.					
Capillarifortificant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Capillarigenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Cyclooxygenase-Activator 100 uM	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.					
Diuretic						
Hepatoprotective IC80=30 ug/ml	Mayumi Ito (nee Someya), et al. 1990. Hepatoprotective Compounds from Canarium album and Euphorbia nematocarpa. Chem. Pharm. Bull. 38(8): 2201-2203, 1990.					
Hypotensive ivn dog						
Pesticide						
Tissue-Thromboplastin-Inhibitor IC50=20.8 uM						
Xanthine-Oxidase-Inhibitor						
cAMP-Inhibitor IC50=0.14 mg/ml	Schussler, M., Fricke, U., Nikolov, N., and Holzl, J. 1991. Comparison of the Flavonoids Occurring in Crataegus species and Inhibition of 3',5'-Cyclic Adenosine Monophosphate Phosphodiesterase. Plant Medica 57: Suppl Issue 2. p.A-133.					
LEUCOANTHOCYANINS	Plant	--	--			*
METHANOL	Plant	--	--			*
Activities (2)						
AntiHIV EC50=<20 ug/ml						
Antidote #NAME?	Martindale's 29th					
PHLOBAPHENE	Plant	--	--			*
PROTEIN	Seed	--	394000.0	1.43		*
SPINASTEROL	Wood	--	--			*
STIGMASTA-7,22-DIEN-3BETA-OL	Wood	--	--			*
TANNIN	Plant	--	--			*

Activities (35)

Anthelmintic

AntiHIV

Antibacterial

Anticancer

Anticariogenic

Antidiarrheic

Antidysenteric

Antihepatotoxic

Antihypertensive

Antilipolytic

Antimutagenic

Antinephritic

Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. *Chem. Pharm. Bull.* 38(4): 1049-1052, 1990.

Antiphidic

Economic & Medicinal Plant Research, 5: 363.

Antioxidant
IC50=1.44 ug/mlAntioxidant 1/3
quercetinAntiradicular 500
mg/kg/day orl mus

Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. *Chem. Pharm. Bull.* 38(4): 1049-1052, 1990.

Antiradicular 1/3
quercetin

Antirenitic

Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. *Chem. Pharm. Bull.* 38(4): 1049-1052, 1990.

Antitumor

Antitumor-Promoter

Antiulcer

Antiviral

Cancer-Preventive HerbalGram No. 22 - Spring 1990, page 14.

Carcinogenic

Chelator

Cyclooxygenase-
InhibitorGlucosyl-
Transferase-Inhibitor

Hepatoprotective

Immunosuppressant

Lipoxygenase-
Inhibitor

MAO-Inhibitor

Ornithine-
Decarboxylase-
Inhibitor

Pesticide

Psychotropic

Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. *Chem. Pharm. Bull.* 38(4): 1049-1052, 1990.

Xanthine-Oxidase-
Inhibitor