

Activity	Dosage	Reference
<u>Aldose-Reductase-Inhibitor</u>	100 uM	Duke, 1992 *
<u>Anticapillary-Fragility</u>	20-100 mg orl man	Merck 7th Ed.
<u>Antiapoplectic</u>	not available	Duke, 1992 *
<u>Antiatherogenic</u>	not available	Duke, 1992 *
<u>Anticataract</u>	not available	Duke, 1992 *
<u>Anticonvulsant</u>	not available	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Antidermatitic</u>	not available	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<u>Antidiabetic</u>	not available	Jin, G-Z., Yamagata, Y., and Tomita, K.-i. 1989. Structure of Rutin Pentamethanol. Chem. Pharm. Bull. 38(2): 297-300, 1990.
<u>Antiedemic</u>	270 mg/day orl man	Duke, 1992 *
<u>Antierythemic</u>	not available	Duke, 1992 *
<u>Antifeedant</u>	not available	Duke, 1992 *
<u>Antiglaucomic</u>	60 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antihematuric</u>	not available	Duke, 1992 *
<u>Antihepatotoxic</u>	not available	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.
<u>Antiherpetic</u>	not available	Economic & Medicinal Plant Research, 5: 198.
<u>Antihistaminic</u>	not available	Duke, 1992 *
<u>Antihypertensive</u>	not available	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Antiinflammatory</u>	20 mg/kg	Duke, 1992 *

Activity	Dosage	Reference
<u>Antimalarial</u>	IC50=>100 ug/ml	Khalid, S.A., Farouk, A., Geary**, T.G., and Jensen, J.B. 1985. Potential Antimalarial Candidates From African Plants: An In Vitro Approach Using <i>Plasmodium falciparum</i> *. <i>Journal of Ethnopharmacology</i> , 15: 201-209, 1986.
<u>Antimutagenic</u>	ID50=2-5 nM	Duke, 1992 *
<u>Antinephritic</u>	not available	Duke, 1992 *
<u>Antioxidant</u>	IC28=30 ppm	Duke, 1992 *
<u>Antioxidant</u>	IC50=120 uM	Duke, 1992 *
<u>Antipurpuric</u>	not available	Duke, 1992 *
<u>Antithrombogenic</u>	EC50=500 nM	Duke, 1992 *
<u>Antitrypanosomal</u>	100 mg/kg	<i>Planta Medica</i> , 57: A44, 1991.
<u>Antitumor</u>	not available	Duke, 1992 *
<u>Antitumor-Promoter</u>	not available	Duke, 1992 *
<u>Antivaricose</u>	not available	Duke, 1992 *
<u>Antiviral</u>	not available	Duke, 1992 *
<u>Antibacterial</u>	not available	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
<u>Cancer-Preventive</u>	not available	Stitt, P. A. <i>Why George Should Eat Broccoli</i> . Dougherty Co, Milwaukee, WI, 1990, 399 pp.
<u>Capillaroprotective</u>	not available	Merck 11th Edition
<u>Catabolic</u>	not available	Duke, 1992 *
<u>Estrogenic?</u>	not available	Economic & Medicinal Plant Research, 6: 189.
<u>Hemostat</u>	not available	Duke, 1992 *

Activity	Dosage	Reference
<u>Hepatomagenic</u>	20,000 ppm (diet) rat	Phenolic Compounds in Food and Their Effects on Health. Antioxidants & Cancer Prevention. Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507.ACS, Washington 402 pp.
<u>Hypocholesterolemic</u>	not available	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Hypotensive</u>	not available	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<u>Insecticide</u>	not available	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.
<u>Insectiphile</u>	not available	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Juvabional</u>	not available	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Larvistat</u>	IC95=4,000-8,000 ppm diet	Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp.
<u>Lipoxygenase-Inhibitor</u>	IC75=2.5 mM	Oszmianski, J. and Lee, C.Y. 1990. Inhibitory Effect of Phenolics on Carotene Bleaching in Vegetables. J. Agric. Food Chem. 38: 688-690.
<u>Mutagenic</u>	not available	Economic & Medicinal Plant Research, 6: 189.
<u>Myorelaxant</u>	not available	Economic & Medicinal Plant Research, 6: 189.

Activity	Dosage	Reference
<u>Oviposition-Stimulant</u>	not available	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Pesticide</u>	not available	Duke, 1992 *
<u>Vasopressor</u>	not available	Duke, 1992 *
<u>cAMP-Phosphodiesterase-Inhibitor</u>	not available	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Allelochemic</u>	not available	Duke, 1992 *
<u>Antispasmodic</u>	not available	Duke, 1992 *
<u>Antisunburn</u>	not available	Duke, 1992 *
<u>Anticancer</u>	not available	Duke, 1992 *
<u>Antiradicular</u>	9 x quercetin	Duke, 1992 *
<u>Aldose-Reductase-Inhibitor</u>	4 ug/ml	Ichikawa, K., et al. 1991. Isolation and Structure Determination of Aldose Reductase Inhibitors from Traditional Thai Medicine, and Syntheses of Their Derivatives. Sankyo Kenkyusho Nempo, 43: 99-110.
<u>Topoisomerase-II-Inhibitor</u>	IC50=1 ug/ml	Bernard, F. X., Sable, S., Cameron, B., Provost, J., Desnottes, J. F., Crouzet, J., Blanche, F. 1997. Glycosylated Flavones as Selective Inhibitors of Topoisomerase IV. Antimicrobial Agents & Chemotherapy, 41: 992-998.
<u>Antihemorrhoidal</u>	not available	Duke, 1992 *
<u>Sunscreen</u>	not available	Duke, 1992 *
<u>AntiCVI</u>	270 mg/man/day	Duke, 1992 *
<u>Anticlastogen</u>	not available	Duke, 1992 *
<u>Antidementia</u>	not available	Bruneton, J. 1999. Pharmacognosy, Phytochemistry, Medicinal Plants. 2nd Ed. Lavoisier Publishing, Paris. 1119 pp.

Activity	Dosage	Reference
<u>Radioprotective</u>	not available	Duke, 1992 *
<u>Antinociceptive</u>	not available	Duke, 1992 *
<u>Antiulcer</u>	not available	Duke, 1992 *
<u>Antiallergic</u>	not available	Duke, 1992 *
<u>Antioxidant</u>	IC54=10 uM	Duke, 1992 *
<u>Antiplatelet</u>	not available	Duke, 1992 *
<u>Antiprotozoal</u>	not available	Duke, 1992 *
<u>Hepatoprotective</u>	20 mg/kg rat	Duke, 1992 *
<u>Immunomodulator</u>	not available	Duke, 1992 *
<u>Myoprotective</u>	not available	Duke, 1992 *
<u>Protisticide</u>	not available	Duke, 1992 *
<u>Vasodilator</u>	not available	Duke, 1992 *
<u>Antiaggregant</u>	ED50=33 nmol/kg iv	Duke, 1992 *
<u>Antimelanomic</u>	not available	Duke, 1992 *
<u>Antimetastatic</u>	not available	Duke, 1992 *
<u>Antiperoxidant</u>	IC50=10-20 uM	Duke, 1992 *
<u>Antiproliferant</u>	50-75 uM/l	Duke, 1992 *
<u>Antithyroid</u>	IC50=68 uM	Duke, 1992 *
<u>Apoptotic</u>	75 uM/l	Duke, 1992 *
<u>Chemopreventive</u>	not available	Duke, 1992 *
<u>Cytoprotective</u>	IC50=3 uM	Duke, 1992 *
<u>5-HT-Inhibitor</u>	not available	Duke, 1992 *
<u>PAF-Inhibitor</u>	not available	Duke, 1992 *
<u>Aldehyde-Oxidase-Inhibitor</u>	IC27-52=10 uM	Duke, 1992 *
<u>Antiatherosclerotic</u>	not available	Duke, 1992 *