

## Dr. Duke's Phytochemical and Ethnobotanical Databases

### List of Activities for AESCULETIN

Activity	Reference
5-Lipoxygenase-Inhibitor	--
Aldose-Reductase-Inhibitor	Okada, Y, et al. 1995. Search for Naturally Occurring Substances to Prevent the Complications of Diabetes. II. Inhibitory Effect of Coumarin and Flavonoid Derivatives on Bovine Lens Aldose Reductase and Rabbit Platelet Aggregation. <i>Chem Pharm Bull</i> 43(8):1385-1387
Analgesic	--
Antiarrhythmic	--
Antiasthmatic?	--
Antibacterial	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
Anticapillary-Fragility	Wichtl, M. 1984. <i>Teedrogen. Ein Handbuch für Apotheker und Ärzte.</i> Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Antidysenteric	HerbalGram No. 24, page 37.
Antiescherichic	--
Antiinflammatory	--
Antimutagenic	<i>Economic &amp; Medicinal Plant Research</i> , 6: 235.
Antipyretic	--
Antiseptic	--
Antistaphylococcic	--
Cancer-Preventive	Stitt, P. A. <i>Why George Should Eat Broccoli.</i> Dougherty Co, Milwaukee, WI, 1990, 399 pp.
Cardiodepressant	--
Choleretic	<i>Fitoterapia</i> No.5-1986.
Cosmetic	--
Cytotoxic	Mills, Simon and Bone, Kerry. 2000. <i>Phytotherapy.</i> Churchill Livingstone, Edinburgh.
Dermatitigenic	Wichtl, M. 1984. <i>Teedrogen. Ein Handbuch für Apotheker und Ärzte.</i> Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Fungicide	--
Hepatoprotective	--
Hypertensive	<i>Chemical Constituents of Oriental Herbs</i> (3 diff. books)
Lipoxygenase-Inhibitor	--
Musculotropic	Wichtl, M. 1984. <i>Teedrogen. Ein Handbuch für Apotheker und Ärzte.</i> Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.

Activity	Reference
Myorelaxant	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pesticide	--
Prostaglandin-Synthesis-Inhibitor	Hung, H.C., Lai, M.W., Wang, H.R., Chung, Y.L., Hsieh, L.M., Chen, C.C. 1993. Antiproliferative Effect of Esculetin on Vascular Smooth Muscle Cells: Possible Roles of Signal Transduction Pathways. Eur J Pharmacol, 237(1): 39-44.
Sunscreen	Lazarova*, G., Kostova, I., Neychev, H. 1992. Photodynamic damage prevention by some hydroxycoumarins. Fitoterapia 64(2): 134-136, 1993.
Sunscreen	Lazarova*, G., Kostova, I., Neychev, H. 1992. Photodynamic damage prevention by some hydroxycoumarins. Fitoterapia 64(2): 134-136, 1993.
UV-Screen	Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Xanthine-Oxidase-Inhibitor	--