

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Activities for PROTOPINE

Activity	Reference
Abortifacient	
Aldose-Reductase-Inhibitor	Kubo, M., et al. 1994. Studies on Anti-cataract Drugs from Natural Sources. I. Effects of a Methanolic Extract and the Alkaloidal Components from Corydalis Tuber on in vit Aldose Reductase Activity. Biol Pharm Bull, 17(3): 458-459.
Amphicholeretic	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Analgesic	
Antiaggregant	
Antiarrhythmic	Bruneton, J. 1999. Pharmacognosy, Phytochemistry, Medicinal Plants. 2nd Ed. Lavoisier Publishing, Paris. 1119 pp.
Antibacterial	
Anticholinergic	Bruneton, J. 1999. Pharmacognosy, Phytochemistry, Medicinal Plants. 2nd Ed. Lavoisier Publishing, Paris. 1119 pp.
Antiinflammatory	
Antiseptic	
Antispasmodic	Bruneton, J. 1999. Pharmacognosy, Phytochemistry, Medicinal Plants. 2nd Ed. Lavoisier Publishing, Paris. 1119 pp.
Antispermigenic	
Antitussive	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Calcium-Antagonist	
Convulsant	
Gram(+)icide	
Hypertensive	

Activity	Reference
Hypotensive	
Myorelaxant	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Pesticide	
Sedative	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Spasmogenic	Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. <i>Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp.</i> Springer-Verlag, Berlin.
Uterotonic	