

## References

### Thai

ศึกษาธิการ, กระทรวง, กรมวิชาการ, สถาบันภาษาไทย. 2542. แพทยศาสตร์สงเคราะห์.  
กรุงเทพมหานคร: โรงพิมพ์จุรัสภา.

### English

- Angerhofer, C. K.; Guinaudeau, H.; Womgpanich, V.; Pezzuto, J. M.; Cordell, G. A. 1999. Antiplasmodial and cytotoxic activity of bisbenzylisoquinoline alkaloids. J. Nat. Prod. 62(1): 56-66.
- Blattter, A., and Reich, E. 2004. Qualitative and quantitative HPTLC method for quality control of *Stephania tetrandra*. J. Liquid Chromatography and Related Technologies 27: 2087-2100.
- Chen, Y. J. 2002. Potential role of tetrandrine in cancer therapy. Acta. Pharmacol. Sin. 23(12): 1102-1106.
- Chou, C. J.; Lin, L. C.; Peng, C.; Shen, Y.; Chen, C. F. 2002. Determination of tetrandrine, fangchinoline, cycloanolone and oblongine in radix *Stephania tetrandrae* by high-performance liquid chromatography. J. Chin. Med. 13(1): 39-48.
- Dale, R. B. 1995. Capillary Electrophoresis. NY: A Wiley-Interscience publication.
- D'Ocon, P.; Blazquez, M. A.; Bermejo, A.; Anselmi, E. 1992. Tetrandrine and isotetrandrine, two bisbenzyltetrahydroisoquinoline alkaloids from manispermaceae, with rat uterine smooth muscle relaxant activity. J. Pharm. Pharmacol. 44(7): 579-582.
- Fang, D. C., and Jiang, M. X. 1986. A new calcium antagonist of Chinese medicinal origin: tetrandrine. J. Hyperten. 4(suppl 6): s150-s152.
- Forman, L. L. 1978. A revision of the tribe *Coscinieae* Hook. F. & Thoms. (Menispermaceae) The Menispermaceae of Malesia and adjacent areas IX. Kew Bull. 32: 323-338.

- Forman, L. L. 1982. The correct names for the tribes of Menispermaceae. Kew Bull. 37: 368.
- Forman, L. L. 1985. A revision of tribe Fibraureae (Menispermaceae) in Asia. The Menispermaceae of Malesia and adjacent areas XIII. Kew Bull. 40: 539-551.
- Göepel, V. Ch.; Pachaly, P., and Zymalkowski, F. 1974. Alkaloid aus der thailändischen menisermaceen-droge krung kha mao (*Cyclea barbata*). Planta Med. 26: 94-97.
- Guinaudeau, H.; Lin, L-Z.; Ruangrungsri, N.; Cordell, G. A. 1993. Bisbenzylisoquinoline alkaloid from *Cyclea barbata*. J. Nat. Prod. 56(11) : 1989-1992.
- Guha, K. P.; Mukherjee, B., and Mukherjee, R. 1979. Bisbenzylisoquinoline alkaloids. J. Nat. Prod. 42(1): 1-67.
- James, P. (editor). 1997. Handbook of Capillary electrophoresis. 2 nd ed. NY: CRC Press.
- Kapoor, L. D. 2001. Handbook of Ayurvedic Medicinal Plants. NY :CRC Press.
- Kim, H. S.; Zhang, Y. H.; Oh, K. W.; Ahh, H. Y. 1997. Vasodilating and hypotensive effects of fangchinoline and tetrandrine on the rat aorta and the strokeprone spontaneously hypertensive rat. J. Ethnopharmacol. 58: 117-123.
- Koh, S. B.; Ban, J. Y.; Lee, B. Y.; Seong, Y. H. 2003. Protective effects of fangchinoline and tetrandrine on hydrogen peroxide-induced oxidative neuronal cell damage in cultured rat cerebellar granule cells. Planta Med. 69(6): 506-512.
- Kwan, C. Y., and Achike, F. 2002. Tetrandrine and related bis-benzylisoquinoline alkaloids from medicinal herbs: cardiovascular effects and mechanism of action. Acta. Pharmacol. Sin. 23(12): 1057-1068.
- Kwan, C. Y.; Leung, Y. M.; Kwan, T. K.; Daniel, E. E. 2001. Tetrandrine inhibits Ca<sup>2+</sup> release-activated Ca<sup>2+</sup> channels in vascular endothelial cells. Life Sci. 68: 841-847.
- Lai, J-H. 2002. Immunomodulatory effects and mechanisms of plant alkaloid tetrandrine in autoimmune disease. Acta. Pharmacol. Sin. 23(12): 1093-1101.
- Lee, J. H.; Kang, G. H.; Kim, K. C.; Kim, K. M.; Park, D. I.; Choi, B. T., *et al.* 2002. Tetrandrine-induced cell cycle arrest and apoptosis in A549 human lung carcinoma cells. Int. J. Oncol. 21: 1239-1244.

- Li, D. G.; Wang, Z. R., and Lu, H. M. 2001. Pharmacology of tetrandrine and its therapeutic use in digestive disease. World J. Gastroenterol 7(5): 627-629.
- Li, Y.; Cui, S.; Cheng, Y.; Chen, X.; Hu, Z. 2004. Application of nonaqueous capillary electrophoresis for quantitative analysis of quinolizidine alkaloids in Chinese herbs. Anal. Chim. Acta. 508: 17-22.
- Lin, L-Z.; Xue, L.; Shieh, H-L.; Angerhofer, C. K.; Ruangrungsri, N.; Pezzuto, J. M., *et al.* 1993. Cytotoxic and antimalaria bisbenzylisoquinoline alkaloid from *Cyclea barbata*. J. Nat. Prod. 56(1): 22-29.
- Liu, Q. Y.; Karpinski, E., and Pang, P. K. T. 1992. Tetrandrine inhibits both T and L calcium channel currents in ventricular cells. J. Cardiovasc. Pharmacol. 20: 513-519.
- Mendham, J.; Denney, R. C.; Barnes, J. D.; Thomas, M. 2000. Vogel's Textbook of Quantitative Chemical Analysis. 6 th ed. London: Pearson Education Limited.
- Nakamura, K.; Tsuchiya, S.; Sugimoto, Y.; Yamada, Y. 1992. Histamine release inhibition activity of bisbenzylisoquinoline alkaloids. Planta Med. 58(6): 505-508.
- Randerath, K. 1968. Thin-Layer Chromatography. NY: Academic Press.
- Sherma, J. 1999. Basic techniques, materials and apparatus. Sharma, J., and Fried, B.(eds), Handbook of Thin-Layer Chromatography. 3-41. NY: Marcel Dekker.
- Sivarajan, V. V., and Balachadran, I. 1994. Ayurvedic Drugs and Their Plant Sources. New Delhi: Baba Barkha Nath Printers.
- Southon, I. W., and Backingham, J. 1989. Dictionary of Alkaloid. London: Cambridge University Press.
- Smitinand, T. 2001. Thai Plant Names. 2 nd ed. Bangkok : Prachachon Press.
- Smitinand, T. and Larsen, K. 1991. Menispermaceae, Flora of Thailand. 5(3). Bangkok: Chutima Press.
- Sun, S. W.; Lee, S. S.; Wu, A. C.; Chen, C. K. 1998. Determination of bisbenzylisoquinoline alkaloid by high-performance liquid chromatography. J. Chrom. A. 799: 337-342.
- Svendsen, A. B., and Verpoorte, R. 1983. Chromatography of alkaloids Part A: Thin-layer chromatography. Amsterdam: Elsevier.

- Takemura, H.; Imoto, K.; Ohshika, H.; Kwan, C. Y. 1996. Tetrandrine as a calcium antagonist. Clin. Exp. Pharmacol. Physiol. 23: 751-3.
- Tang, W., and Eisenbrand, G. 1992. Chinese Drug of Plant Origin: Chemistry, Pharmacology and use in Traditional and Modern Medicine. Wurzburg : Graphischer Betrieb Tritsch GmbH.
- Thai Pharmacopoeia Committee. 1995. Thai Herbal Pharmacopoeia. Vol. 1. Bangkok : Prachachon Press.
- Thevand, A.; Stanculescu, I.; Mandravel, C.; Woisel, P.; Surpateanu, G. 2004. Total assignment and structure in solution of tetrandrine by NMR spectroscopy and molecular modelling. Spectrochim. Acta. A. 60: 1825-1830.
- Trease, G. E., and Evan, W. C. 1996. Pharmacognosy. 14 th ed. London: W. B. Saunders Press.
- Vichiara Jirawong. 1968. A chemotaxonomic study of the Scopurariaceae. Ph.D. dissertation, Purdue University.
- Wang, G.; Lemos, J. R., and Iadecola, C. 2004. Herbal alkaloid tetrandrine: from an ion channel blocker to inhibitor of inhibitor of tumor proliferation. Trends. Pharmacol. Sci. 25(3): 120-125.
- Youngken, H. W. 1948. Textbook of Pharmacognosy. 6 th ed. Blakiston : McGraw-Hill Press,
- Yupraphat, V. T.; Pachaly, P., and Zymalkowski, F. 1974. Alkaloid aus der thailändischen menisermaceen-droge krung nha mao. Planta Med. 25: 315-324.
- Zhao, X.; Cui, X-Y.; Chen, B-Q.; Chu, Q-P.; Yao, H-Y.; Ku, B-S., *et al.* 2004. Tetrandrine, a bisbenzylisoquinoline alkaloid from Chinese herb radix, augmented the hypnotic effect of peutobarbital through serotonergic system. Eur. J. Pharmacol. 506 : 101-105.



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