

REFERENCES

- Barrett, A.G.M. and Graboski G.G. 1986. Conjugated Nitroalkanes: Versatile Intermediates in Organic Synthesis. *Chem. Rev.* 86: 751-762.
- Bringmann, G. The Naphthyl isoquinoline alkaloids. *The Alkaloids*. 29: 141-184.
- Bringmann, G., Gunther, C., Saeb, W. and *et, al.* 2000. Ancistrolikokines A-C: New 5, 8'-Coupled Naphyhyloisoquinoline Alkaloids from *Ancistrocladus likoko*. *J. Nat. Prod.* 63: 1333-1337.
- Bringmann, G., Messer, K., Brun, K. 2002. Naphthylisoquinoline Alkaloids from *Abcistrocladus congoensis*. *J. Nat. Prod.* 65: 1096-1101.
- Bringmann, G., Teltschik, F., Michel, M. and *et al.* 1999. Ancistrobertsonines B, C and D as well as 1,2-didehydroancistrobertsonine D from *Ancistrocladus robertsoniorum*. *Phytochem.* 52: 321-332.
- Bringmann, G., Weirich, R., Reuscher, H., Jansen, S.R., Kinzger, L. and Ortmann, T. 1993. The synthesis of possible isomer 6,8-dioxygenated 1,3-dimethyl-1,2,3,4-tetrahydroisoquinoline methyl ether useful chiral building block for naphthylisoquinoline alkaloids. *Liebigs Ann. Chem.*: 877-888.
- Bringmann, G., Lisch, D., Reuscher, H. Assi, L. A., and Gunther, K. 1991. Atrop-diastereomer separation by recemate resolution techniques; *N*-methyl-dioncophyline and its 7-epimer from *Ancistrocladus abbreviatus*. *Phytochemistry*. 30(4): 1307-1310.
- Bondinell, W.E., Chapin,F.W. , Girard, G.R. ,Kaiser, C. ,Krog, A.J., Pavloft, A.M., Schwartz, M.S., Silvestri, J.S. ,and Vaidya, P.D. 1980. Inhibitors of phenyl-ethanolamine *N*-methyltransferase and epinephrine biosynthesis. 1-chloro-substituted-1,2,3,4-tetrahydroisoquinolines. *J. Med. Chem.* 23:501-511.
- Delgado, J.N. and Remesis, W.A. 1998. 10th ed. Textbook of Organic Medicinal and Pharmaceutical Chemistry. New York. Lippincott-Raven. : 463-503.

- Grunewald, G.L., Dahanukar, V.H., Teoh,B. and Criscione, K.R. 1999. 3,7-disubstituted-1,2,3,4-tetrahydroisoquinolines display remarkable potency and selectivity as inhibitors of phenylethanamine *N*-methyltransferase versus the alpha 2-adrenoceptor. *J. Med. Chem.* 42:1982-1990.
- Grunewald, G.L. ,Sail, D.J. and Monn, J.A. 1988. Conformation and steric aspects of the inhibition of phenylethyamine *N*-methytransferase by benzylmine. *J. Med. Chem.* 31:433-444
- Grunewald, G.L., Sall, D.J. and Monn, J.A. 1988. Synthesis and evaluation of 3-substituted analogues of 1,2,3,4-tetrahydroisoquinoline as inhibitors of phenethylamine *N*-methyltransferase. *J. Med. Chem.* 31: 824-830.
- Hoye, T.R., Chen, M., Hoang, B. and *et al.* Total Synthesis of Michellamines A-C, Korupensamines A-D, and Ancistrobrevine B. *J. Org. Chem.* 64: 7184-7201.
- Kubo, A., Saito, N., Kawakami, N. and Matsuyama, T.M. 1987. A facial synthesis of 1,2,3,4-tetrahydroisoquinoline through cyclization of *O,N*-acetals Synthesis.: 824-827.
- Miyaura, N., and Suzuki, A. 1995. Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds. *Chem. Rev.* 95: 2457-248.
- Pasupat, S. Antispasmodic effects of ancistrotoxinine. *Master's thesis*, Department of Pharmacology, Graduate School, Chulalongkorn University. 1985.
- Phusiraphan, N. Effect of ancistrotoxinine on the isolated rat aorta. Master's thesis, Department of Pharmacology, Graduate School, Chulalongkorn University. 1987.
- Puthongking, P. Synthesis of 3-methyl-1,2,3,4-tetrahydroisoquinoline derivatives. *Master's thesis*, Department of Pharmaceutical Chemistry, Graduate School, Chulalongkorn University. 2001.
- Rizzacasa, M.A., Saenger, M.V., Skeleton, B.W. and White, A.H. 1990. The stereoisomer of 5-bromo-6,8-dimethoxy-1,2,3-trimethyl-1,2,3,4-tetrahydroisoquinoline:X-ray crystal structure of the *trans*-isomer. *Aust. J. Chem.* 43: 79-86.

- Ruangrugsi, N., Wongpanich, V. and Tantivatana, P. 1985. Traditional medicinal plants of Thailand, Ancistrotectorine: A new naphthalene-isoquinoline alkaloid from *Ancistrocladus tectorius* (Lour.) Merr. *J. Nat. Prod.* 48: 529-535.
- Shinohara, T., Takeda, A., Toda, J., and Sano, T. 1998. Determination of ring conformation in 1-benzyl-1,2,3,4-tetrahydroisoquinoline and a new synthesis of the chiral compounds. *Chem. Pharm. Bull.* 46(3): 430-433.
- Shinohara, T., Takeda, A., Toda, J., Useda, Y., Kotino ,M., and Sano, T. 1998. A synthesis of mono- and dimethoxy-1,2,3,4-tetrahydroisoquinoline via pummerer reaction: Effect of methoxy group on intramolecular cyclization. *Chem. Pharm. Bull.* 46(6): 918-927.
- Toda, J., Matsumoto, S., Saitoh, T., and Sano, T. 2000. A chiral synthesis of four stereoisomer of 1,3-dimethyl-1,2, 3, 4-tetrahydroisoquinoline induce of Parkinson-like syndrome. *Chem. Pharm. Bull.* 48(1): 91-98.

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