

Tubotaiwine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Tubotaiwine

Catalog No.: CFN96116

Cas No.: 6711-69-9

Purity: >=98%

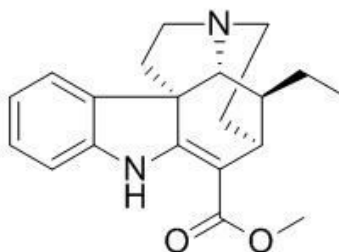
M.F: C₂₀H₂₄N₂O₂

M.W: 324.4

Physical Description: Powder

Synonyms: 2,16-Didehydrocondyfolan-16-carboxylic acid methyl ester ;

Methyl (14beta)-2,16-didehydrocondyfolan-16-carboxylate; NSC 306222.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The herbs of *Ervatamia divaricata*.

[Biological Activity or Inhibitors]

Tubotaiwine shows selective activity against *L. infantum*.^[1]

Tubotaiwine has inhibitory effect on the growth of methicillin-resistant *Staphylococcus* and *Staphylococcus aureus*.^[2]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[3]

Mobile phase: n-Hexanes- Isopropanol=70:30 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

2-8℃, Protected from air and light, refrigerate or freeze.

[References]

[1] Reina M, Ruizmesia L, Ruizmesia W, *et al. Nat. Prod. Commun.*, 2014, 9(8):1075-80.

[2] Yang Y, Mei W L, Zuo W J, *et al. Journal of tropical and subtropical botany*, 2012, 20 (1): 84-8.

[3] Martin C L, Nakamura S, Otte R, *et al. Org. Lett.*, 2011, 13(1):138-41.

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