

Ervamycine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ervamycine

Catalog No.: CFN98338

Cas No.: 27773-39-3

Purity: > 95%

M.F: C₂₂H₂₆N₂O₃

M.W: 366.5

Physical Description: Powder

Synonyms: 11-Methoxytabersonine; Aspidospermidine-3-carboxylic acid, 2,3,6,7-tetrahydro-16-methoxy-, methyl ester, (5a,12R,19a)-.



[Intended Use]

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

[Source]

The herbs of *Melodinus khasianus*.

[Biological Activity or Inhibitors]

11-Methoxytabersonine(Ervamycine) exhibits inhibitory effects against five human cancer cell lines , with IC(50) values comparable to those of cisplatin and vinorelbine.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Tao F, Yan L, Wang Y Y, *et al. J. Nat. Prod.*, 2010, 73(6):1075-9.

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