

Erysotrine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Erysotrine

Catalog No.: CFN98336

Cas No.: 27740-43-8

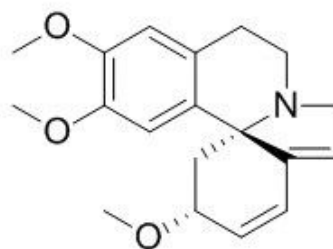
Purity: > 95%

M.F: C₁₉H₂₃NO₃

M.W: 313.4

Physical Description: Oil

Synonyms: (3 α)-3,15,16-Trimethoxy-1,2,6,7-tetrahydroerythrinan.



[Intended Use]

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

[Source]

The barks of *Aralia chinensis*.

[Biological Activity or Inhibitors]

Erysostrine does not show cytotoxic activity by itself, but exhibits significant cytotoxicity when combines with tumor necrosis factor-related apoptosis-inducing ligand (TRAIL).^[1]

(+)-Erysostrine shows potent dosedependant antifeedant activity at concentrations ³100 ppm.^[2]

[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] Ozawa M, Etoh T, Hayashi M, *et al. Bioorg. Med. Chem. Lett.*,2009 Jan 1;19(1):234-6.

[2] Cornelius W W, Akeng'A T, Obiero G O, *et al. Records of Natural Products*,2009, 3(2):96-103.

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