

Syrosingopine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Syrosingopine

Catalog No.: CFN98542

Cas No.: 84-36-6

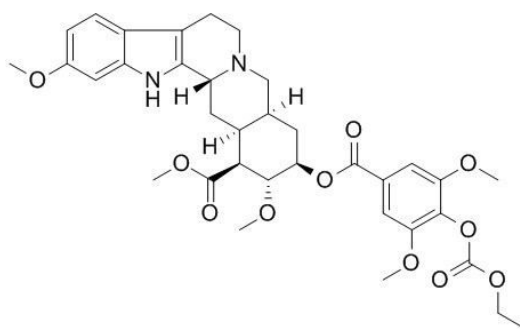
Purity: >=96%

M.F: C₃₅H₄₂N₂O₁₁

M.W: 666.71

Physical Description: Powder

Synonyms: Methyl(1R,15S,17R,18R,19S,20S)-17-(4-ethoxycarbonyloxy-3,5-dimethoxybenzoyl)oxy-6,18-dimethoxy-1,3,11,12,14,15,16,17,18,19,20,21-dodecahydroyohimban-19-carboxylate.



[Intended Use]

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

[Source]

The roots of *Rauvolfia yunnanensis* Tsiang.

[Biological Activity or Inhibitors]

Syrosingopine can sensitize cancer cells to metformin and its more potent derivative phenformin far below the individual toxic threshold of each compound, thus, combining syrosingopine and codrugs is a promising therapeutic strategy for clinical application for the treatment of cancer.^[1]

Syrosingopine has hypotensive properties.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Benjamin D, Colombi M, Hindupur S K, *et al. Sci. Adv.*, 2016 Dec; 2(12): e1601756.

[2] Schmitt H. *C. R. Seances Soc. Biol. Fil.*, 1960; 154:55-7.

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