

Isorauhimbine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isorauhimbine

Catalog No.: CFN98762

Cas No.: 483-09-0

Purity: > 95%

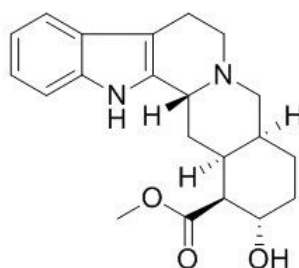
M.F: C₂₁H₂₆N₂O₃

M.W: 354.5

Physical Description: Powder

Synonyms: (3β,20α)-17α-Hydroxy-yohimban-16β-carboxylic acid methyl ester;

3-Epi-α-yohimbine.



[Intended Use]

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

[Source]

The root of *Rauvolfia serpentina*.

[Biological Activity or Inhibitors]

3-Epi-alpha-yohimbine(Isorauhimbine) has alpha adrenoceptor blocking activities, has cardiovascular effects.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=80:20 ;

Flow rate: 1.5 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Rockhold R W, Gross F. *N.-S. Arch.Pharmacol.*, 1981, 315(3):227-31.

[2] Xue G, Yuan S. *China Journal of Chinese Materia Medica*, 1996, 21(9):554-5, 576.

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