

Serpentine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Serpentine

Catalog No.: CFN99867

Cas No.: 18786-24-8

Purity: > 95%

M.F: C₂₁H₂₁N₂O₃

M.W: 349.4

Physical Description: Yellow powder

Synonyms: 3,4,5,6-Tetrahydroajmalicine.



[Intended Use]

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

[Source]

The herbs of *Rauvolfia yunnanensis*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol-Acetonitrile-0.025 M Ammonium acetate -Triethylamine=

15:40:45:0.1;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Zhao J, Zhu W H, Wu Y Q, *et al. Acta Pharmaceutica Sinica*, 1999, 34(7):539-42.

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