

Serpentine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Serpentine

Catalog No.: CFN98499

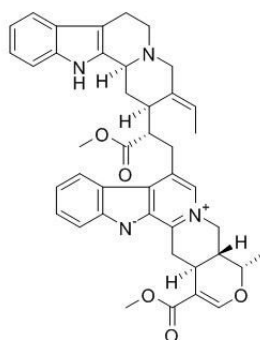
Cas No.: 36519-42-3

Purity: > 95%

M.F: C₄₂H₄₄N₄O₅

M.W: 684.8

Physical Description: Powder



Synonyms: 8-{2-[(3Z)-3-ethylidene-1,2,3,4,6,7,12,12b-octahydroindolo[2,3-a]quinolizin-2-yl]-3-methoxy-3-oxopropyl}-1-(methoxycarbonyl)-4-methyl-4,4a,5,13,14,14a-hexahydroindolo[2,3-a]pyrano[3,4-g]quinolizin-6-ium.

[Intended Use]

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

[Source]

The roots of *Rauvolfia verticillata* (Lour.) Baill.

[Biological Activity or Inhibitors]

Serpentinine may have antihypertensive effect.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution ;

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] Verma R, Hanif K, Sasmal D, *et al. Current Hypertension Reviews*, 2010, 6(3):190-8.

[2] Hong B, Li W, Song A, *et al. J. Chromatogr. Sci.*, 2013, 51(10):926-30.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com