

Stylopine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Stylopine

Catalog No.: CFN92812

Cas No.: 84-39-9

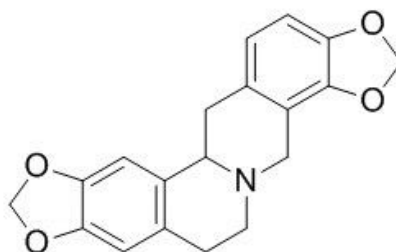
Purity: >=95%

M.F: C₁₉H₁₇NO₄

M.W: 323.1

Physical Description: Powder

Synonyms: (12bS)-6,7,12b,13-Tetrahydro-4H-[1,3]dioxolo[4,5-g][1,3]dioxolo[7,8]isoquino[3,2-a]isoquinoline.



[Intended Use]

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

[Source]

The herbs of *Chelidonium majus*.

[Biological Activity or Inhibitors]

Stylophine has anti-inflammatory activity, it suppresses the NO and PGE2 production in macrophages by inhibiting the iNOS and COX-2 expressions.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.1% Trifluoroacetic acid in chloroform-0.1% Trifluoroacetic acid in methanol =90:10 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 292.5 nm.

[Storage]

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

[References]

[1] Jang S I, Kim B H, Lee W Y, *et al. Arch. Pharm. Res.*, 2004, 27(9):923-9.

[2] Rey J P, Levesque J, Pousset J L. *J.Chromatogr. A*, 1993, 641(1):180-3.

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