

Sinoacutine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Sinoacutine

Catalog No.: CFN98640

Cas No.: 4090-18-0

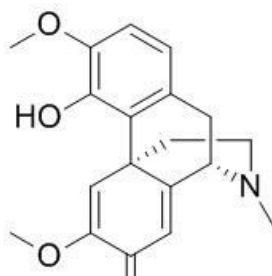
Purity: > 95%

M.F: C₁₉H₂₁NO₄

M.W: 327.37

Physical Description: Powder

Synonyms: (13 α)-4-Hydroxy-3,6-dimethoxy-17-methyl-5,6,8,14-tetrahydromorphinan-7-one.



[Intended Use]

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

[Source]

The roots of *Stephania epigaea* Lo.

[Biological Activity or Inhibitors]

Sinoacutine has protective effects against hydrogen peroxide-induced cell injury.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O -Triethylamine, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 282 nm.

[Storage]

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

[References]

[1] Bao G H, Qin G W, Wang R, *et al. J. Nat. Prod.* ,2005, 68(7):1128-30.

[2] Huang J, Guo J, Duan G. *Acta Pharm. Sin.*, 1998, 33(7):528-33.

[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