

Pachyaximine A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Pachyaximine A

Catalog No.: CFN99385

Cas No.: 128255-08-3

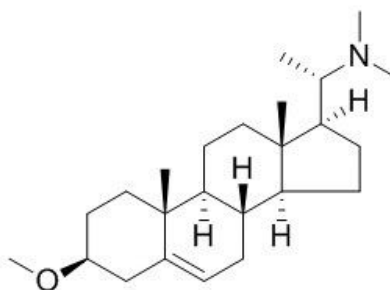
Purity: > 95%

M.F: C₂₄H₄₁NO

M.W: 359.6

Physical Description: Powder

Synonyms: (3 β ,20S)-3-Methoxy-N,N-dimethylpregn-5-en-20-amine.



[Intended Use]

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

[Source]

The herbs of *Pachysandra axillaris*.

[Biological Activity or Inhibitors]

Pachyaximine A possesses significant antibacterial activity against *Escherichia coli*,

Staphylococcus aureus, Corynebacterium diphtheriae and Corynebacterium pyrogenes.^[1]

(-)-Pachyaximine A demonstrates significant activity as antiestrogen binding site (AEBS)-inhibitory agents, and potentiates significantly the antiestrogenic effect mediated by tamoxifen in cultured Ishikawa cells.^[2]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Naeem I, Anwar R, Khan T M. *Pak. J. Pharm. Sci.*, 2005 Apr; 18(2):3-5.

[2] Chang L C, Bhat K P, Pisha E, *et al. J. Nat. Prod.*, 1998, 61(10):1257-62.

[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