

Deacetylnimbin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Deacetylnimbin

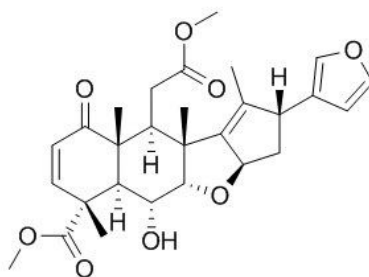
Catalog No.: CFN97797

Cas No.: 18609-16-0

Purity: > 95%

M.F: C₂₈H₃₄O₈

M.W: 498.57



Physical Description: Powder

Synonyms: Methyl-2-(furan-3-yl)-5-hydroxy-10-(2-methoxy-2-oxoethyl)-1,6,9a,10a-tetrahydro-9-oxo-3,3a,4a,5,5a,6,9,9a,10,10a-decahydro-2H-cyclopenta[b]naphtho[2,3-d]furan-6-carboxylate; 6-Deacetylnimbin.

[Intended Use]

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

[Source]

The barks of *Azadirachta indica*.

[Biological Activity or Inhibitors]

Deacetylnimbin shows significant insecticidal activity to *Plutella xylostlla L.* and *Piers rapae L.*^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 214 nm.

[Storage]

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

[References]

[1] Luo X, Wu S, Ma Y, *et al.* *Natural Product Research & Development*, 2001, 13(1):9-13.

[2] Siddiqui B S, Ali S K, Ali S T, *et al.* *Nat. Prod. Commun.*, 2009, 4(4):473-6.

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