

Discodermide Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Discodermide

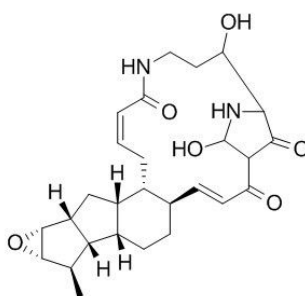
Catalog No.: CFN00114

Cas No.: 134458-00-7

Purity: > 95%

M.F: C₂₇H₃₄N₂O₆

M.W: 482.58



Physical Description: Powder

Synonyms: 5,6,7,8,9,10,15a,16,17,17a,17b,18,18a,19a,19b,20,20a,20b-Octadecahydro-8,11-dihydroxy-18-methyl-9,12-methano-1H-oxireno[4,5]pentaleno[1,2-s]-5,10-benzodiazacycloheptadecine-4,13,21-trione.

[Intended Use]

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

[Source]

From *Discodermia dissoluta*.

[Biological Activity or Inhibitors]

Discodermide has antifungal and cytotoxic activities.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 313 nm.

[Storage]

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

[References]

[1] Gunasekera S P, Gunasekera M, Mccarthy P. *J. Org. Chem.*, 1991, 56(16):4833-40.

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