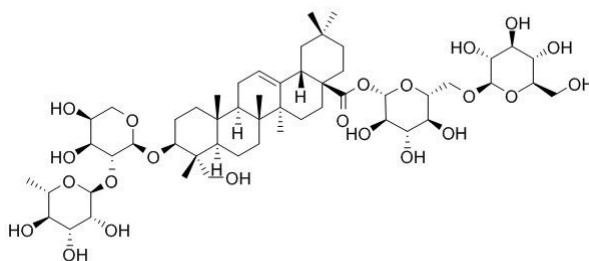


Dipsacoside B Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Dipsacoside B**Catalog No.:** CFN99150**Cas No.:** 33289-85-9**Purity:** > 98%**M.F:** C₅₃H₈₆O₂₂**M.W:** 1074.56**Physical Description:** Yellow cryst.

Synonyms: (4aS,6aS,6bR,9R,10S,12aR)-10-[[[(2S,3R,4S,5S)-4,5-dihydroxy-3-[[[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyl-2-oxanyl]oxy]-2-oxanyl]oxy]-9-(hydroxymethyl)-2,2,6a,6b,9,12a-hexamethyl-1,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydronicene-4a-carboxylic acid.

**[Intended Use]**

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

[Source]The flowerbuds of *Lonicera confusa* DC.

[Biological Activity or Inhibitors]

Dipsacoside B shows strong antimicrobial activity (MIC values 1.80-2.50ug/mL), the activities comparable to those of standard antibiotics.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 0.4% acetic acid H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 330 nm.

[Storage]

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

[References]

[1] Pasi S, Aligiannis N, Pratsinis H, *et al.* *Planta Med.*, 2009, 75(02):163-7.

[2] Zhao L C, Ye S Y, Yang C, *et al.* *Chinese Journal of Experimental Traditional Medical Formulae*, 2015, 21(7):64-7.

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