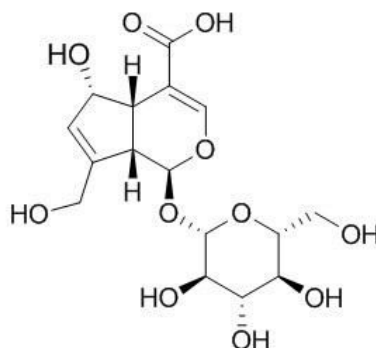


Deacetylasperulosidic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Deacetylasperulosidic acid**Catalog No.:** CFN92358**Cas No.:** 14259-55-3**Purity:** > 98%**M.F:** C₁₆H₂₂O₁₁**M.W:** 390.3**Physical Description:** Powder**Synonyms:** Cyclopenta[c]pyran-4-carboxylic acid, 1-(β-D-glucopyranosyloxy)-1,4a,5,7a-tetrahydro-5-hydroxy-7-(hydroxymethyl)-, (1S,4aS,5S,7aS)-; 10-Desacetylasperulosidic acid.

[Intended Use]

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

[Source]

The herbs of *Hedyotis diffusa* Willd.

[Biological Activity or Inhibitors]

Deacetylasperulosidic acid has antioxidant activity .^[1]

Deacetylasperulosidic acid possesses antibacterial activity.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Acetonitrile-0.1% Formic acid aqueous solution =87:13 ;

Flow rate: 0.5 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 235 nm.

[Storage]

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

[References]

[1] Ma D L, Chen M, Su C X, *et al. J. Anal. Methods Chem.*,2013;2013:804504.

[2] West B J, Palmer S K, Deng S, *et al. Current Research Journal of Biological Sciences*, 2012, 4(1):52-4.

[3] Mitsuhiro WADA, Yutaro YAMASAKI, Shinichi NAKAMURA, *et al. Chromatography*, 2016, 37(3): 141-5.

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