

15-Demethylplumieride Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 15-Demethylplumieride

Catalog No.: CFN99411

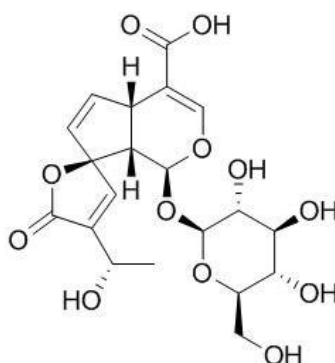
Cas No.: 132586-69-7

Purity: > 95%

M.F: C₂₀H₂₄O₁₂

M.W: 456.4

Physical Description: Powder



Synonyms: (1S,4aS,7R,7aS)-1-(β-D-Glucopyranosyloxy)-4'-[(1S)-1-hydroxyethyl]-5'-oxo-4a,7a-dihydro-1H,5'H-spiro[cyclopenta[c]pyran-7,2'-furan]-4-carboxylic acid.

[Intended Use]

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

[Source]

The barks of *Plumeria rubra*.

[Biological Activity or Inhibitors]

15-Demethylplumieride is a quality control index of *Plumeriarubra* L.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Acetonitrile-0.5%Phosphoric acid H₂O=8:92 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Liu J, Deng X M, Zhao B, *et al. Guiding Journal of TCM*, 2015(18):38-40.

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