

Ophiopogonin C Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Ophiopogonin C

Catalog No.: CFN98556

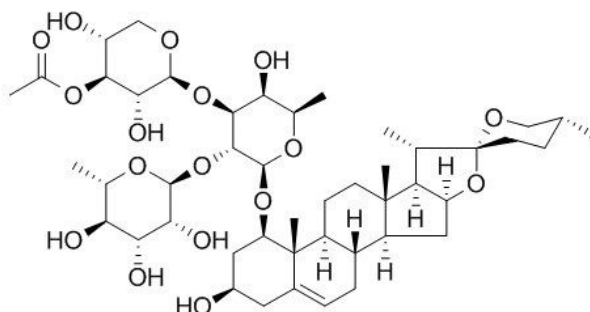
Cas No.: 911819-08-4

Purity: >=98%

M.F: C₄₆H₇₂O₁₇

M.W: 897.06

Physical Description: Powder



Synonyms: (3 β ,25R)-14,17-Dihydroxyspirost-5-en-3-yl-6-deoxy- α -L-mannopyranosyl-(1->2)-[β -D-xylopyranosyl-(1->4)]- β -D-glucopyranoside.

[Intended Use]

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

[Source]

The roots of *Ophiopogon japonicus*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

HPLC-ELSD:

Mobile phase: Acetonitrile- H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

Drift tube temperature: 100 °C;

Flow rate of gas : 3.0 L/min.

[Storage]

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

[References]

[1] Wu F M, Cai X Y, Wang P, *et al. Zhongguo Zhong Yao Za Zhi*, 2015, 40(20):4022-5.

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