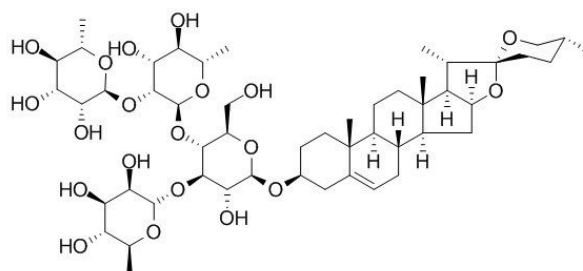


Polyphyllin E Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Polyphyllin E**Catalog No.:** CFN90446**Cas No.:** 76296-73-6**Purity:** > 98%**M.F:** C₅₁H₈₂O₂₀**M.W:** 1015.18**Physical Description:** Powder

Synonyms: O-6-Deoxy- α -L-mannopyranosyl-(1-3)-O-[O-6-deoxy- α -L-mannopyranosyl-(1-2)-6-deoxy- α -L-mannopyranosyl-(1-4)]- β -D-glucopyranoside(3 β ,25R)-spirost-5-en-3-yl.

**[Intended Use]**

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

[Source]The roots of *Polygonatum polyphylla*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[1]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Chen X. *Chinese Journal of Modern Applied Pharmacy*, 2013(12):1346-9.

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