[Product Information]

Name: Polyphyllin G
Catalog No.: CFN99955
Cas No.: 76296-75-8
Purity: >=98%
M.F: C51H84O22
M.W: 1049.22
Physical Description: Powder
Synonyms: Polyphyllin ṢⅢ.

[Intended Use]

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

[Source]

The rhizomes of Paris yunnanensis Franch.

[Biological Activity or Inhibitors]

Polyphyllin G, extract from rhizomes of Paris yunnanensis Franch, has been shown to
have strong anticancer activities in a wide variety of human cancer cell lines; apoptosis and autophagy during polyphyllin G-induced cell death in human oral cancer cell lines, suggests that polyphyllin G is a promising candidate for developing antitumor drugs targeting human oral squamous cell carcinoma.\[1\]

**[Solvent]**

Pyridine, Methanol, Ethanol, etc.

**[HPLC Method]**\[2\]

Mobile phase: Acetonitrile-H2O, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 25 °C;
The wavelength of determination: 203 nm.

**[Storage]**

2-8℃, Protected from air and light, refrigerator or freeze.

**[References]**


**[Contact]**

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