



Gypenoside XLVI Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Gypenoside XLVI

Catalog No.: CFN93372

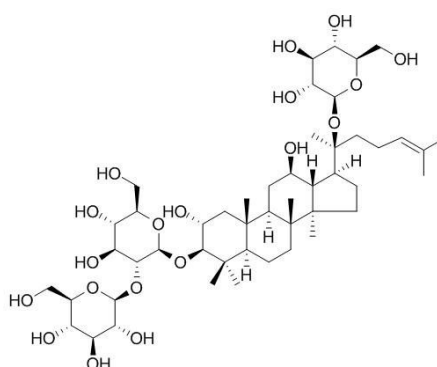
Cas No.: 94705-70-1

Purity: >=98%

M.F: C₄₈H₈₂O₁₉

M.W: 963.2

Physical Description: Powder



Synonyms: (2 α ,3 β ,12 β)-20-(β -D-Glucopyranosyloxy)-2,12-dihydroxydammar-24-en-3-yl 2-O- β -D-glucopyranosyl- 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 *Panax notoginseng* (Burk.) F.H.Chen.

[Biological Activity or Inhibitors]

Gypenoside XLVI shows strong cytotoxic activity against A549 cells, with the IC₅₀ values of 52.63±8.31 ug/ml.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=34:66 ;

Flow rate: 0.8 ml/min;

Column temperature: 30 °C;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Piao X L, Chen D J, Xing S F, *et al. Faseb J.*, 2014, 28(1).

[2] Liu F, Ren D, Guo D A, *et al. Chem.Pharm. Bull.*, 2008, 56(3):389-93.

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