

Momordicoside F1 Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Momordicoside F1

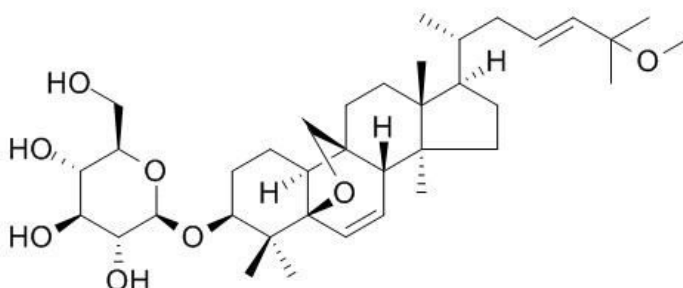
Catalog No.: CFN92306

Cas No.: 81348-81-4

Purity: > 95%

M.F: C₃₇H₆₀O₈

M.W: 632.9



Physical Description: Powder

Synonyms: 5,9-(Eoxymethano)-2H-cyclopenta[a]phenanthrene, b-D-glucopyranoside deriv.; b-D-Glucopyranoside, (3S,5R,8S,9S,10S,13R,14S,17R)-1,3,4,8,10,11,12,13,14,15,16,17-dodecahydro-17-[(1R)-5-methoxy-1,5-dimethyl-3-hexenyl]-4,4,13,14-tetramethyl-5,9-(epoxymethano)-2H-cyclopenta[a]phenanthren-3-yl.

[Intended Use]

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

[Source]

The herbs of *Mormodica charantia* L.

[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: 30 °C;

Drift tube temperature: 108 °C;

Flow rate of gas : 3.0 L/min.

[Storage]

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

[References]

[1] Li Q Y Wang J L, Wang B, *et al. Chinese Journal of Pharmaceutical Analysis*, 2014, 34(5):889-95.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com