

Mogroside IIe Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Mogroside IIe

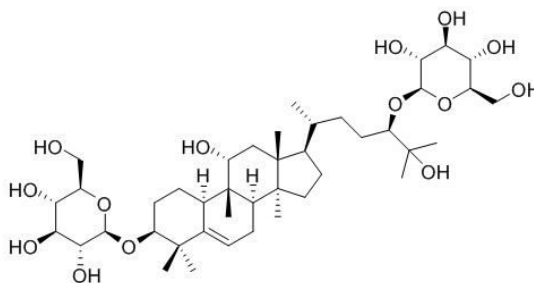
Catalog No.: CFN92191

Cas No.: 88901-38-6

Purity: > 95%

M.F: C₄₂H₇₂O₁₄

M.W: 801.0



Physical Description: Powder

Synonyms: (3 β ,9 β ,10 α ,11 α ,24R)-11,25-Dihydroxy-9-methyl-19-norlanost-5-ene-3,24-diyl bis-beta-D-glucopyranoside.

[Intended Use]

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

[Source]

The fruits of *Siraitia grosvenorii* Swingle.

[Biological Activity or Inhibitors]

Mogroside IIE is a bitter triterpenoid saponin which is the main component of unripe Luo Han Guo fruit and a precursor of the commercially available sweetener mogroside V, it has antioxidant activity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=23:77 ;

Flow rate: 1.0 ml/min;

Column temperature: 32 °C;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Wang L, Yang Z, Lu F, *et al. Molecules*, 2014, 19(8):12676-89.

[2] Hu J Y, Ma S C, Cheng X F, *et al. Chinese Journal of Pharmaceutical Analysis*, 2008, 28(4):544-6.

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