

Mogroside VI Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Mogroside VI

Catalog No.: CFN90436

Cas No.: 89590-98-7

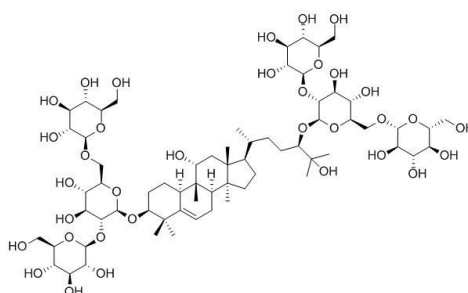
Purity: >=98%

M.F: C₆₆H₁₁₂O₃₄

M.W: 1449.59

Physical Description: Powder

Synonyms:



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Ingredient in supplements, beverages;
7. Others.

[Source]

The fruits of *Siraitia grosvenorii* Swingle.

[Biological Activity or Inhibitors]

Lo Han Kuo extract is a high intensive sweetening agent with desirable health benefits, such as prevention of dental caries through specific antibacterial properties, no-calorie levels related to obesity, and a low glycemic index to help manage blood sugar levels in diabetic patients; mogrosides have the antimicrobial activity and the insulin-stimulating activity, this includes mogroside I, II, III, IV, V, mogroside VI, 11-o-Mogroside V, and Siamenoside I, siraitiflavandiol, rhamnocitrin-3-O-rhamnoside, and kaempferitrin that are the functional groups in these antimicrobial and insulin secretion activities.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 5% Acetonitrile -0.2% Trifluoroacetic acid in water, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 250 nm.

[Storage]

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

[References]

[1] Huang C, Ebersole J L. *US 20120141386 A1[P]*. 2012.

[2] Chaturvedula V S P, Prakash I. *Journal of Pharmacy Research*, 2011(9):3166-7.

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