

Sesamoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Sesamoside

Catalog No.: CFN99274

Cas No.: 117479-87-5

Purity: > 98%

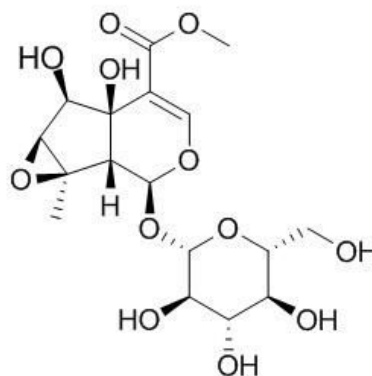
M.F: C₁₇H₂₄O₁₂

M.W: 420.4

Physical Description: Powder

Synonyms:

(1aR,1bS,2S,5aR,6R,6aS)-2-(β-D-Glucopyranosyloxy)-1a,1b,2,5a,6,6a-hexahydro-5a,6-dihydroxy-1a-methyloxireno[4,5]cyclopenta[1,2-c]pyran-5-carboxylic acid methyl ester



[Intended Use]

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

[Source]

The herbs of *Sesamum angolense*.

[Biological Activity or Inhibitors]

Sesamoside is a main chemical ingredient iridoid glycoside from *Lamiophlomis rotata*, has analgesic and anti-inflammatory effects in animal studies. ^[1]

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, Hot water, etc.

[HPLC Method] ^[2]

Mobile phase: Methanol -0.2% Phosphoric acid ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 237 nm.

[Storage]

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

[References]

[1] Jia X, Li M X, Tao R, *et al. Chinese J. Clin. Pharmacol.*, 2015 (08): 635-9.

[2] Hu H P, Cai Y, Tao Y Y, *et al. Pharm. Clin. Res.*, 2011, 19(06):515-7.

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