

Sculponeatin N Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Sculponeatin N

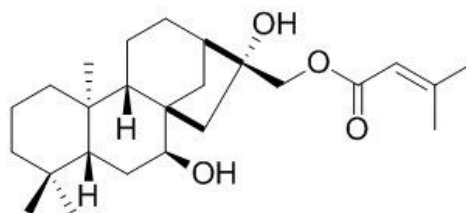
Catalog No.: CFN99267

Cas No.: 1169805-98-4

Purity: > 95%

M.F: C₂₅H₄₀O₄

M.W: 404.6



Physical Description: Powder

Synonyms: (5 β ,7 β ,8 α ,9 β ,10 α ,13 α ,16 β)-7,16-Dihydroxykauran-17-yl 3-methyl-2-butenoate.

[Intended Use]

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

[Source]

The herbs of *Rabdosia amethystoides*.

[Biological Activity or Inhibitors]

Sculponeatin N may have protective effects on the lipid peroxidation-damaged live cells.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 218 nm.

[Storage]

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

[References]

[1] Wang Y. *Zhengzhou University*, 2010 .

[2] Wang F, Li X M, Liu J K. *Chem. Pharm. Bull.(Tokyo)*, 2009 May;57(5):525-7.

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