

Schisantherin C Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Schisantherin C

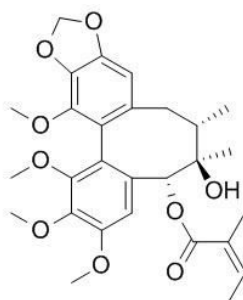
Catalog No.: CFN92715

Cas No.: 64938-51-8

Purity: > 95%

M.F: C₂₈H₃₄O₉

M.W: 514.6



Physical Description: Powder

Synonyms: (5R,6S,7S)-6-hydroxy-1,2,3,13-tetramethoxy-6,7-dimethyl-5,6,7,8-tetrahydro benzo[3',4']cycloocta[1',2':4,5]benzo[1,2-d][1,3]dioxol-5-yl (2E)-2-methylbut-2-enoate.

[Intended Use]

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

[Source]

The seeds of *Schisandra chinensis* (Turcz.) Baill.

[Biological Activity or Inhibitors]

Schisantherin A, B, C, and D show good effect in lowering the serum glutamic-pyruvic transaminase level of the patients suffering from chronic virus hepatitis.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-Tetrahydrofuran-H₂O=18:18: 64 ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 222 nm.

[Storage]

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

[References]

[1] Liu C S, Fang S D, Huang M F, *et al. Scientia Sinica*, 1978, 21(4):483-502.

[2] Sun H Z, Xu L, Yuan H, *et al. China Pharmacy*, 2014, 25(8):752-4.

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