[Product Information]

**Name:** Schisantherin B

**Catalog No.:** CFN99924

**Cas No.:** 58546-55-7

**Purity:** >=98%

**M.F:** C_{28}H_{34}O_{9}

**M.W:** 514.57

**Physical Description:** White powder

**Synonyms:** (5S,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-(2Z)-2-methylbut-2-enoate; Wu weizi ester B; Gomisin B.

[Intended Use]

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

[Source]

The seeds of *Schisandra chinensis* (Turcz.) Baill.
[ Biological Activity or Inhibitors]
Schisantherin B may protect against cognitive deficits and neurodegeneration induced by Aβ1-42 in mice by regulating the glutamate transporter type 1 (GLT-1) restoration as well as the capacity of Glycogen synthase kinase3β (GSK3β).\[1\]

[ 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 ]

[ Contact ]
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