

Jionoside A1 Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Jionoside A1

Catalog No.: CFN90809

Cas No.: 120444-60-2

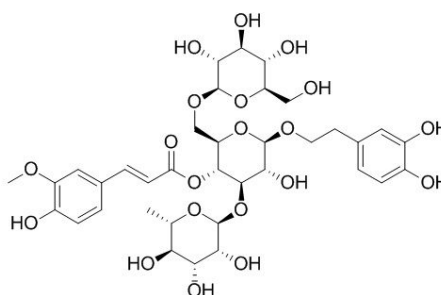
Purity: >=98%

M.F: C₃₆H₄₈O₂₀

M.W: 800.8

Physical Description: Powder

Synonyms: b-D-Glucopyranoside, 2-(3,4-dihydroxyphenyl)ethyl-O-6-deoxy-α-L-mannopyranosyl-(1→3)-O-[b-D-glucopyranosyl-(1→6)]-, 4-[3-(4-hydroxy-3-methoxyphenyl)-2-propenoate], (E)-; Wiedemannioside C.



[Intended Use]

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

[Source]

The roots of *Rehmannia glutinosa*.

[Biological Activity or Inhibitors]

Jionoside A1 displays dose dependent immune-enhancement activity and possesses moderate neuroprotective activities on H₂O₂-treated SH-SY5Y cells.^[1]

[Solvent]

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

[HPLC Method]^[2]

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

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 210/330 nm.

[Storage]

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

[References]

[1] Shen L, Chen H, Zhu Q, *et al. J. Pharm. Biomed. Anal.*, 2015, 117(6):363-71.

[2] Zhang W M, Zhang S, Fu J N , *et al. Journal of Shenyang Pharmaceutical University*, 2012, 29(5):367-72.

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