

Eleutheroside D Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Eleutheroside D

Catalog No.: CFN98510

Cas No.: 79484-75-6 7

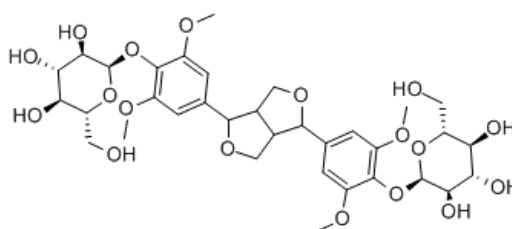
Purity: >=98%

M.F: C₃₄H₄₆O₁₈

M.W: 742.72

Physical Description: Powder

Synonyms:[(1S,3aR,4S,6aS)-Tetrahydro-1H,3H-furo[3,4-c]furan-1,4-diyl]bis(2,6-dimethoxy-4,1-phenylene)bis-beta-D-glucopyranoside.



[Intended Use]

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

[Source]

The root barks of *Eleutherococcus senticosus*.

[Biological Activity or Inhibitors]

Eleutheroside has protective effect to myocardial ischemic-reperfusion injury(IRI) in isolated rats .^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.5%Phosphoric acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 220 nm.

[Storage]

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

[References]

[1] Kong Y, Xu F, Yu Z Q. *Chinese General Practice*, 2009, 12(4):292-4.

[2] Apers S, Naessens T, Miert S V, *et al. Phytochem. Anal.*, 2005, 16(1):55-60.

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