

Isoforsythiaside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isoforsythiaside

Catalog No.: CFN98591

Cas No.: N/A

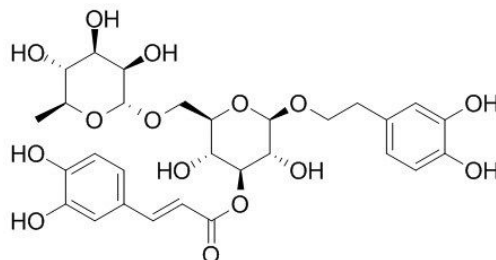
Purity: > 98%

M.F: C₂₉H₃₆O₁₅

M.W: 624.59

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Forsythia suspensa*.

[Biological Activity or Inhibitors]

Isoforsythiaside, a novel phenylethanoid glycoside isolated from *Forsythia suspensa*, has antioxidant effect and antibacterial activity, may be as the alternative antioxidants and antibacterial agents from natural origin.^[1]

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[2]

Mobile phase: Methanol-H₂O, gradient elution;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Qu H, Zhang Y, Chai X, *et al. Bioorg. Chem.*, 2012, 40(1):87-91.

[2] Pei X, Zhang S, Yan Y, *et al. Chinese Pharmaceutical Affairs*, 2011, 25(5):438-40.

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