

Icariside E5 Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Icariside E5

Catalog No.: CFN99373

Cas No.: 126176-79-2

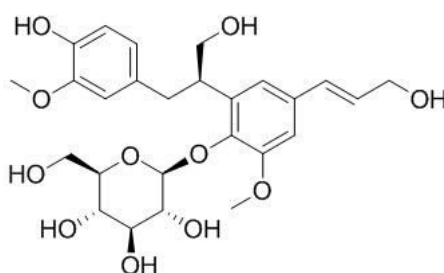
Purity: > 95%

M.F: C₂₆H₃₄O₁₁

M.W: 522.6

Physical Description: Powder

Synonyms: b-D-Glucopyranoside, 2-[(1R)-2-hydroxy-1-[(4-hydroxy-3-methoxyphenyl)methyl]ethyl]-4-[(1E)-3-hydroxy-1-propenyl]-6-methoxyphenyl(9CI); b-D-Glucopyranoside, 2-[2-hydroxy-1-[(4-hydroxy-3-methoxyphenyl)methyl]ethyl]-4-(3-hydroxy-1-propenyl)-6-methoxyphenyl, (E)-.



[Intended Use]

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

[Source]

The herbs of *Epimedium brevicornu*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Methanol-Acetonitrile -0.4%Phosphoric acid solution,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 23 °C;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Gang G P, Zhu H, Shi L, *et al. China Pharmacist*, 2009, 12(1):12-4.

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