

Corchoionoside C Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Corchoionoside C

Catalog No.: CFN99859

Cas No.: 185414-25-9

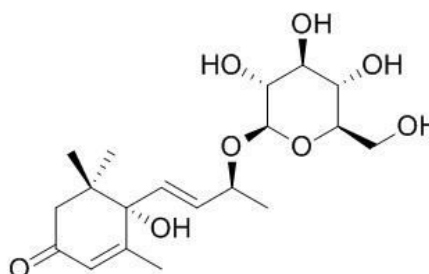
Purity: > 98%

M.F: C₁₉H₃₀O₈

M.W: 386.4

Physical Description: Powder

Synonyms: (6S,9S)-Roseoside.



[Intended Use]

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

[Source]

The herbs of *Polygonum hydropiper*.

[Biological Activity or Inhibitors]

Corchoionoside C has antioxidant activity, shows strong scavenging activities on DPPH radical.^[1]

Corchoionosides A, B, and C, isolated from the leaves of *Corchorus olitorius*, inhibit the histamine release from rat peritoneal exudate cells induced by antigen-antibody reaction.^[2]

Corchoionoside C shows weak antifungal activity.^[3]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[4]

Mobile phase: Methanol-H₂O gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 220 nm.

[Storage]

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

[References]

[1] Xu N, Zhang Q, Cao Y, *et al.* *Chinese Journal of Experimental Traditional Medical Formulae*, 2012, 18(24):162-6.

[2] Yoshikawa M, Shimada H, Saka M, *et al.* *Chem. Pharm. Bull.*, 1997, 45(3):464-9.

[3] Mota J S, Leite A C, Kato M J, *et al.* *Nat. Prod. Res.*, 2011, 25(1):1-7.

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