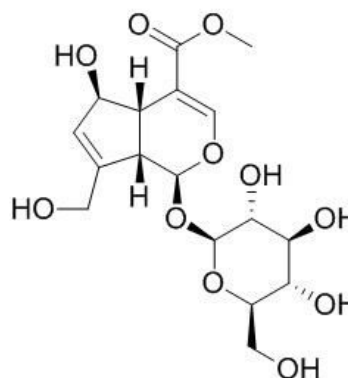


Feretoside Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Feretoside**Catalog No.:** CFN98330**Cas No.:** 27530-67-2**Purity:** > 98%**M.F:** C₁₇H₂₄O₁₁**M.W:** 404.4**Physical Description:** Powder

Synonyms: (1S,4aS,5R,7aS)-5-hydroxy-7-(hydroxymethyl)-1-[[[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)-2-oxanyl]oxy]-1,4a,5,7a-tetrahydrocyclopenta[c]pyran-4-carboxylic acid methyl ester.

**[Intended Use]**

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

[Source]The barks of *Eucommia ulmoides*.

[Biological Activity or Inhibitors]

Feretoside, a phenolic compound from the barks of *E. ulmoides*, can increase the expression of heat shock factor 1 (HSF1) by a factor of 1.153 at 3 μ M.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol-H₂O=13:87;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 235 nm.

[Storage]

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

[References]

[1] Joo-Won Nam, Seo-Young Kim, Taesook Yoon, *et al. Chem. Biodivers*, 2013, 10(7):1322-7.

[2] Ai Y K, Zhang L J, Xie E L, *et al. Journal of Pharmaceutical Analysis*, 2010 (9): 1760-2.

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