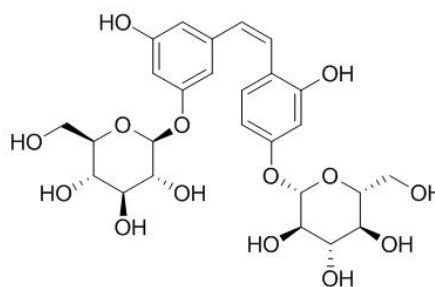


cis-Mulberroside A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: cis-Mulberroside A**Catalog No.:** CFN95006**Cas No.:** 166734-06-1**Purity:** >=98%**M.F:** C₂₆H₃₂O₁₄**M.W:** 568.52**Physical Description:** Powder**Synonyms:** b-D-Glucopyranoside, 3-[(1Z)-2-[4-(b-D-glucopyranosyloxy)-2-hydroxyphenyl]ethenyl]-5-hydroxyphenyl.

[Intended Use]

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

[Source]

The root barks of *Morus alba* L.

[Biological Activity or Inhibitors]

cis-Mulberroside A and oxyresveratrol can protect mice against ethanol-induced hepatic damage.^[1]

cis-Mulberroside A shows high analgesic and anti-inflammatory activities.^[2]

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 279.2 nm.

[Storage]

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

[References]

[1] Zhang Z, Jin J, Shi L. *Environ. Toxicol. Pharmacol.*, 2008, 26(3):325-30.

[2] Zhang Z F, Shi L G . *Fitoterapia*, 2009, 81(3):214-8.

[3] Pu S J, Qu G X, Qiu F, *et al. Chinese Journal of Medicinal Chemistry*, 2006, 16(1): 40-5.

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