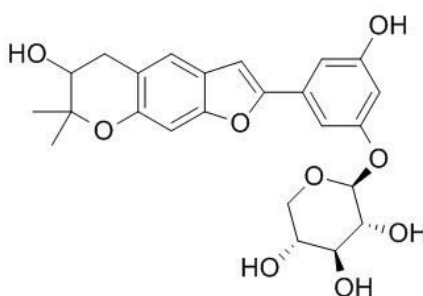


Mulberroside C Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Mulberroside C**Catalog No.:** CFN99587**Cas No.:** 102841-43-0**Purity:** >=98%**M.F:** C₂₄H₂₆O₉**M.W:** 458.46**Physical Description:** Powder**Synonyms:** 3'-O- β -D-Xylopyranoside;b-D-Xylopyranoside,3-(6,7-dihydro-6-hydroxy-7,7-dimethyl-5H-furo[3,2-g][1]benzopyran-2-yl)-5-hydroxyphenyl.

[Intended Use]

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

[Source]

The root bark of *Morus alba* L.

[Biological Activity or Inhibitors]

Mulberroside C shows weak activity (IC₅₀ =75.4 μg/ml) against herpes simplex type 1 virus (HSV-1).^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Methanol- H₂O= 15:85 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 324 nm.

[Storage]

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

[References]

[1] Du J, He Z D, Jiang R W, *et al. Phytochemistry*, 2003, 62(8):1235-8.

[2] Fang J, Gao F, Wu H W, *et al. Chinese Journal of Experimental Traditional Medical Formulae*, 2013, 19(5):80-2.

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