Mulberroside C Datasheet

4th Edition (Revised in July, 2016)

[ Product Information ]

Name: Mulberroside C
Catalog No.: CFN959587
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 (IC \text{50} = 75.4 \text{ μg/ml}) against herpes simplex type 1 virus (HSV-1).\(^1\)

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ]\(^2\)
Mobile phase: Methanol- \text{H2O} = 15:85;  
Flow rate: 1.0 ml/min;  
Column temperature: 30 °C;  
The wavelength of determination: 324 nm.

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

[ References ]

[ Contact ]
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