

2"-O-Rhamnosylicarisode II Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 2"-O-Rhamnosylicarisode II

Catalog No.: CFN92551

Cas No.: 135293-13-9

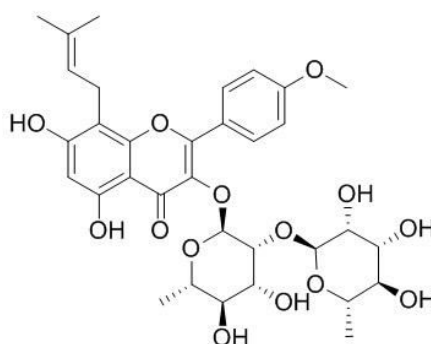
Purity: > 95%

M.F: C₃₃H₄₀O₁₄

M.W: 660.7

Physical Description: Yellow powder

Synonyms: 2-(Hydroxymethyl)-4-[(1R)-1-hydroxy-2-[[6-(4-phenylbutoxy)hexyl]amino]ethy
l]phenol.



[Intended Use]

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

[Source]

The herbs of *Epimedium brevicornu*.

[Biological Activity or Inhibitors]

2"-O-Rhamnosylcariside II shows potent inhibitory activities on osteoclast-like cell formation at a concentration of 2 uM without toxic effects.^[1]

2"-O-Rhamnosylcariside II shows potent antioxidant activity, with IC₅₀ values of 11.5 ug/mL and 90.5 uM.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 270 nm.

[Storage]

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

[References]

[1] Shi L, Tezuka Y, Miyahara T, *et al. Journal of Traditional Medicines*, 2007, 24:19-23.

[2] Kim E S. *Natural Product Sciences*, 2008, 14(4):233-8.

[3] Chen X, Zhang Q, Ji H, *et al. Chinese Journal of Pharmaceutical Analysis*, 2007, 27(5):625-30.

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