

Rosarin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Rosarin

Catalog No.: CFN99178

Cas No.: 84954-93-8

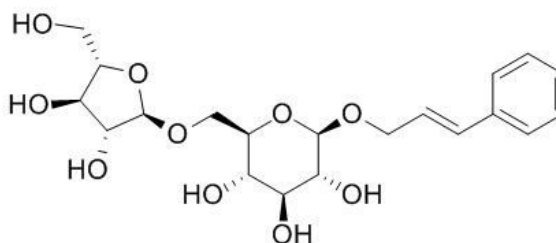
Purity: >=98%

M.F: C₂₀H₂₈O₁₀

M.W: 428.43

Physical Description: Powder

Synonyms: (2E)-3-Phenylprop-2-en-1-yl-6-O-alpha-L-arabinofuranosyl-beta-D-glucopyranoside.



[Intended Use]

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

[Source]

The herbs of *Rhodiola rosea* L.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

HPLC-MS:

Mobile phase: 0.5% Acetic acid in water- 15% Aqueous acetonitrile, gradient elution ;

Flow rate: 0.35 ml/min;

Column temperature: 25 °C;

Ion source temperature: 350 °C;

The capillary of voltage: -4.5kV;

The pressure of curtain gas: 103 kPa;

The pressure of nebulizer gas: 276 kPa.

[Storage]

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

[References]

[1] Rodin I A, Stavrianidi A N, Braun A V, *et al. J. Anal. Chem.*, 2012, 67(13):1026-30.

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