

Rosin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Rosin

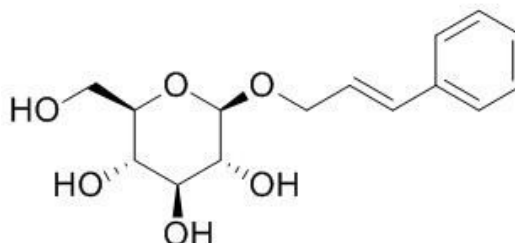
Catalog No.: CFN99180

Cas No.: 85026-55-7

Purity: >=98%

M.F: C₁₅H₂₀O₆

M.W: 296.32



Physical Description: Powder

Synonyms: (2R,3S,4S,5R,6R)-2-(hydroxymethyl)-6-[(E)-3-phenylprop-2-en-1-yloxy]oxane-3,4,5-triol; (2E)-3-Phenyl-2-propen-1-yl beta-D-glucopyranoside; Colophony.

[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]

Allergic contact dermatitis due to rosin (colophony) in eyeshadow and mascara.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=60:40 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 261 nm.

[Storage]

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

[References]

[1] Fisher A A. *Cutis*, 1988, 42(6):507-8.

[2] Lin D, Lin H, Wei J. *Chinese Journal of Pharmaceutical Analysis*, 2008, 28(11):1952-4.

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