

Glaucin B Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Glaucin B

Catalog No.: CFN99256

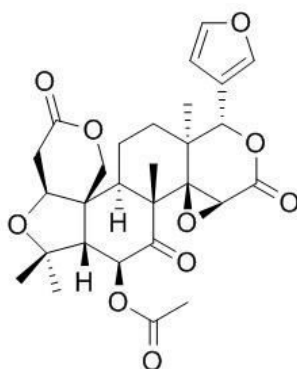
Cas No.: 115458-73-6

Purity: > 95%

M.F: C₂₈H₃₂O₁₀

M.W: 528.6

Physical Description: Powder



Synonyms: Limonoicacid, 6-(acetyloxy)-, di-d-lactone, (5b,6b)-; 11H,13H-Oxireno

[d]pyrano[4',3':3,3a]isobenzofuro[5,4-f][2]benzopyran-4,6,13(2H,5aH)-trione,3-(acetyloxy)-8-(3-furanyl)decahydro-2,2,4a,8a-tetramethyl-, [2aR-(2aa,3a,4aa,4bR*,5ab,8b,8ab,10ab,10bR*,14ab)]-; 6b-Acetoxy-5-epilimonin.

[Intended Use]

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

[Source]

The fruits of *Evodia rutaecarpa*.

[Biological Activity or Inhibitors]

Glacins A and B show potent and selective in vitro cytotoxicities among several human solid tumor cell lines.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=70:30 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Liu X X, Alali F Q, Pilarinou E, *et al. J Nat Prod.*,1998 May;61(5):620-4.

[2] Fu X Y, Liang W Z, Tu G S. *Yao Xue Xue Bao*,1986,(7):527-31.

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