



11-Deoxyalisol B Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 11-Deoxyalisol B

Catalog No.: CFN92401

Cas No.: 155073-73-7

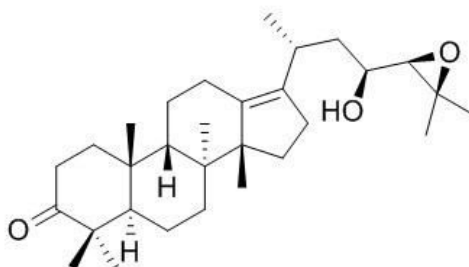
Purity: > 95%

M.F: C₃₀H₄₈O₃

M.W: 456.7

Physical Description: Powder

Synonyms: (8 α ,9 β ,14 β ,23S,24R)-24,25-Epoxy-23-hydroxydammar-13(17)-en-3-one.



[Intended Use]

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

[Source]

The tubers of *Alisma plantago-aquatica* Linn.

[Biological Activity or Inhibitors]

11-Deoxyalisol B shows the potent inhibitory activity against lipopolysaccharide (LPS)-induced NO production, but it shows cytotoxic effects more than 30 μM .^[1]

11-Deoxyalisol B can improve glucose uptake in Hep G2 cells, triterpenes may be one of the therapeutic material basis in hypoglycemic activities in *A. orientalis*.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile-5% Methanol in water, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 208 nm.

[Storage]

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

[References]

[1] Matsuda H, Kageura T I, Murakami T, *et al. ChemInform*, 2000, 31(7):3081-6.

[2] Xu W, Luo F R, Zhao W L, *et al. Chinese Traditional & Herbal Drugs*, 2014, 45(22): 3238-45.

[3] Xu W, Xu M T, Zhao W L, *et al. Chinese Journal of Pharmaceutical Analysis*, 2015(2): 210-7

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