

Dihydroniloticin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Dihydroniloticin

Catalog No.: CFN99253

Cas No.: 115334-05-9

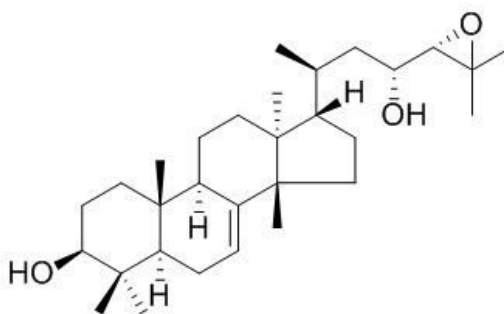
Purity: > 95%

M.F: C₃₀H₅₀O₃

M.W: 458.7

Physical Description: Powder

Synonyms: (3 β ,13 α ,14 β ,17 α ,20S,23R,24S)-24,25-Epoxy lanost-7-ene-3,23-diol; Dihydroneistoxin.



[Intended Use]

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

[Source]

The barks of *Phellodendron chinense*.

[Biological Activity or Inhibitors]

Dihydroniloticin shows cytotoxic activity against a HT-1080 human fibrosarcoma cell line($IC_{50} = 8.2 \text{ microM}$).^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Miyake K, Tezuka Y, Awale S, *et al. Nat. Prod. Commun.*,2010 Jan;5(1):17-22.

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