

N-Acetylnorloline Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: N-Acetylnorloline

Catalog No.: CFN00293

Cas No.: 38964-35-1

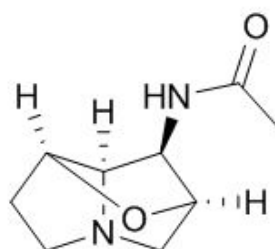
Purity: > 95%

M.F: C₉H₁₄N₂O₂

M.W: 182.22

Physical Description: Powder

Synonyms: N-[(1S,6R,7S,7aS)-hexahydro-1H-1,6-epoxypyrrolizin-7-yl]acetamide.



[Intended Use]

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

[Source]

The roots of *Neotyphodium uncinatum* -infected meadow fescue.

[Biological Activity or Inhibitors]

High levels of N-acetyl norloline and peramine may be of particular importance for

developing 'friendly' endophyte-enhanced turf and pasture grasses that resist challenging lepidopteran pests.^[1]

N-acetyl norlooline, which is produced by the Max P endophyte, may be responsible for a new form of toxicity called equine fescue oedema in horses.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile- 3% Acetonitrile in 0.1 M ammonium acetate, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 310/420 nm.

[Storage]

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

[References]

[1] Baldauf M W, Mace W J, Richmond D S. *Environ. Entomol.*, 2011, 40(3):639-47.

[2] Bourke C A, Hunt E, Watson R. *Aust. Vet. J.*, 2009, 87(12):492-8.

[3] Mcculley R L, Bush L P, Carlisle A E, *et al. Frontiers in Chemistry*, 2014, 2:1-14.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com