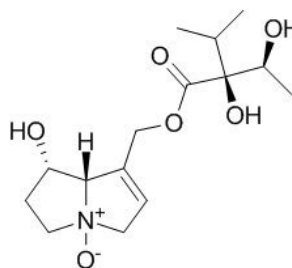


## Echinatine N-oxide Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)**[ Product Information ]****Name:** Echinatine N-oxide**Catalog No.:** CFN00256**Cas No.:** 20267-93-0**Purity:** > 95%**M.F:** C<sub>15</sub>H<sub>25</sub>NO<sub>6</sub>**M.W:** 315.36**Physical Description:** Powder**Synonyms:** (1-Hydroxy-4-oxido-2,3,5,7a-tetrahydro-1H-pyrrolizin-7-yl)methyl

2,3-dihydroxy-2-(propan-2-yl)butanoate; Butanoic acid, 2,3-Dihydroxy-2-(1-methylethyl)-, (2,3,5,7a-tetrahydro-1-hydroxy-4-oxido-1H-pyrrolizin-7-yl)methyl ester.

**[ Intended Use ]**

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

**[ Source ]**The herbs of *Eupatorium cannabinum* L.

## **[ Biological Activity or Inhibitors ]**

Not data available.

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[1]</sup>**

HPLC-MS:

Mobile phase: Acetonitrile-15 mM Ammonia water solution, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

Flow rate of gas (N<sub>2</sub>): 70 L / min;

Capillary temperature : 150 °C;

APCI vaporizer temperature : 400 °C;

The source voltage: 6.0 kV;

The capillary voltage: 46V;

Mass scan range: 150-500 amu.

## **[ Storage ]**

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

## **[ References ]**

[1] Mroczek T, Ndjoko-loset K, Głowniak K, *et al. Anal. Chim. Acta*, 2006, 566(2):157-66.

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