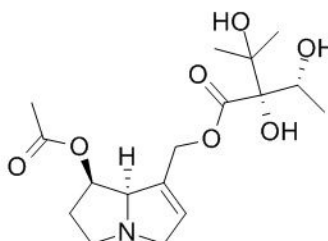


Uplandicine Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Uplandicine**Catalog No.:** CFN00343**Cas No.:** 74202-10-1**Purity:** > 95%**M.F:** C₁₇H₂₇NO₇**M.W:** 357.40**Physical Description:** Powder**Synonyms:** L-threo-Pentitol, 3-C-((((1R,7aR)-1-(acetyloxy)-2,3,5,7a-tetrahydro-1H-pyrrolizin-7-yl)methoxy)carbonyl)-1,5-dideoxy-2-C-methyl-**[Intended Use]**

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

[Source]The herbs of *Echium rauwolfii*.**[Biological Activity or Inhibitors]**

Uplandicine exhibits antibacterial effects with a MIC of 1.7 mg/ml in *E. coli* .^[1]

[Solvent]

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

[HPLC Method]^[2]

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

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 220 nm.

[Storage]

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

[References]

[1] El-Shazly A, Abdel-All M, Tei A, *et al.* *Zeitschrift für Naturforschung C*, 2016, 54(5-6): 295-300.

[2] Mroczek T, Ndjoko K, Głowniak K, *et al.* *J. Chromatogr. A*, 2004, 1056(1-2):91-7.

[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