

7-Acetylintermediate Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 7-Acetylintermediate

Catalog No.: CFN00286

Cas No.: 74243-01-9

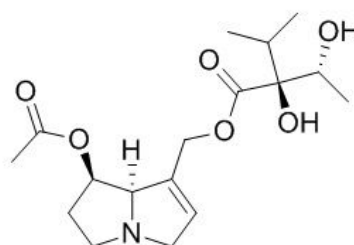
Purity: > 95%

M.F: C₁₇H₂₇NO₆

M.W: 341.40

Physical Description: Powder

Synonyms: [(1R,7aR)-1-(acetyloxy)-2,3,5,7a-tetrahydro-1H-pyrrolizin-7-yl]methyl (2S,3R)-2,3-dihydroxy-2-(propan-2-yl)butanoate; Butanoic acid, 2,3-dihydroxy-2-(1-methylthyl)-, ((1R,7aR)-1-(acetyloxy)-2,3,5,7a-tetrahydro-1H-pyrrolizin-7-yl)methylester, (2S,3R)-.



[Intended Use]

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

[Source]

The herbs of *Echium pininana*.

[Biological Activity or Inhibitors]

7-Acetylintermedine, 7-acetylycopsamine, and symlandine are pyrrolizidine alkaloids, isolated from comfrey, can produce hepatotoxicity in livestock and humans and carcinogenicity in experimental animals.^[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] Mei N, Guo L, Fu PP, *et al. J. Toxicol. Env. Heal. B*, 2010, 13(7-8):509-26.

[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