[ **Product Information** ]

**Name:** 7-Acetylintermedine  
**Catalog No.:** CFN00286  
**Cas No.:** 74243-01-9  
**Purity:** > 95%  
**M.F:** C$_{17}$H$_{27}$NO$_{6}$  
**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-acetyllycopsamine, 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]


[Contact]

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