

Benzoylhypacoitine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Benzoylhypacoitine

Catalog No.: CFN90688

Cas No.: 63238-66-4

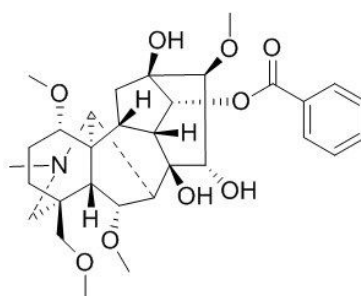
Purity: >=98%

M.F: C₃₁H₄₃NO₉

M.W: 573.29

Physical Description: Powder

Synonyms: Benzoylhypaconine; Deacetylhypaconitine.



[Intended Use]

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

[Source]

The roots of *Aconitum carmichaeli* Debx.

[Biological Activity or Inhibitors]

Benzoylhypacoitine, one alkaloid of *Aconitum tanguticum*, may have protective effect

against lipopolysaccharide-induced acute lung injury in rats.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: [Acetonitrile-Tetrahydrofuran(25:15)]-0.1 M Ammonium acetate solution,
gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

The wave length of determination: 235 nm.

[Storage]

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

[References]

[1] Wu G, Du L, Zhao L, *et al. J. Ethnopharmacol.*, 2014, 155(3):1483-91.

[2] Wang C Q, Zhai H Y, Zhu Y, *et al. China Pharmacy*, 2015(9):1250-2.

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