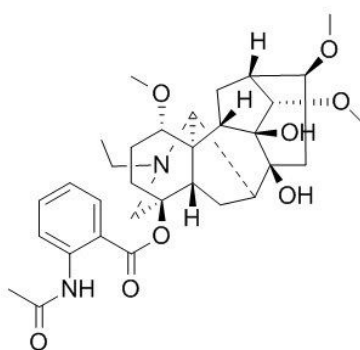


Lannaconitine Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Lannaconitine**Catalog No.:** CFN90360**Cas No.:** 32854-75-4**Purity:** >=98%**M.F:** C₃₂H₄₄N₂O₈**M.W:** 584.70**Physical Description:** Cryst

Synonyms: Acetyl-10-deoxysepaconitine; N-Acetylpuberanidine; Aconitane-4,8,9-triol, 20-ethyl-1,14,16-trimethoxy-, 4-(2-acetylamino)benzoate, (1- α , 14- α , 16- β); Aconitum kusnezoffii Reichb; Aconitum extract.

[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]

Lappaconitine is a kind of diterpenoid alkaloids extracted from *Aconitum sinomontanum* Nakai, it is a non-opioid analgesic.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.05 M NaH₂PO₄-Methanol=28 :72;

Flow rate:1.0 ml/min;

Column temperature: 25°C;

The wave length of determination:252 nm.

[Storage]

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

[References]

[1] Li S S, Zhang H B, Zhu X Y, *et al. Drugs & Clinic*,2014,29(7):818-23.

[2] Hu X L, Lei J, Wang F, *et al. China Pharmaceuticals*, 2012,21(16):29-31.

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