

Liensinine diperchlorate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Liensinine diperchlorate

Catalog No.: CFN99579

Cas No.: 5088-90-4

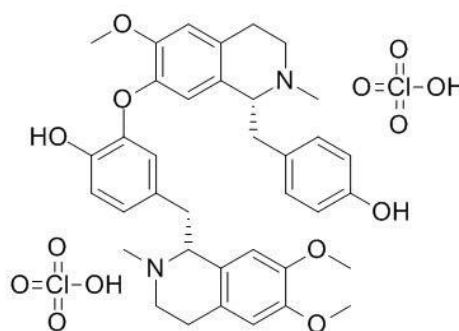
Purity: >=98%

M.F: C₃₇H₄₂N₂O₆.(HClO₄)₂

M.W: 811.67

Physical Description: White powder

Synonyms: Liensinine perchlorate.



[Intended Use]

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

[Source]

The plantule of *Nelumbo nucifera* Gaertn.

[Biological Activity or Inhibitors]

Liensinine perchlorate has inhibitory effect on macrophage phagocytosis and macrophage

metabolism in mice, suggests that it has immunosuppressive effects.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Methanol-0.2 M KH₂PO₄-0.2 M NaOH-Triethylamine=71:17:12:0.002(pH 9.2-9.3);

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 282 nm.

[Storage]

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

[References]

[1] Fu L Y, Lu C P. *Journal of Nanjing University of Traditional Chinese Medicine(Natural Science)*, 1999,15(4):222-3.

[2] Huang Y, Zhao L, Bai Y, *et al. Arzneimittel-Forschung*, 2011, 61(6):347-52.

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