

Magnoflorine chloride Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Magnoflorine chloride

Catalog No.: CFN90259

Cas No.: 6681-18-1

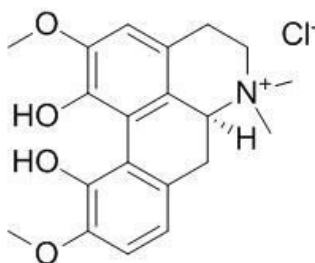
Purity: >=98%

M.F: C₂₀H₂₄NO₄Cl

M.W: 377.87

Physical Description: Powder

Synonyms: (6aS)-5,6,6a,7-Tetrahydro-1,11-dihydroxy-2,10-dimethoxy-6,6-dimethyl-4H-dibenzo[de,g]quinolinium chloride; Corytuberine methochloride; Escholine chloride; Thalictrine chloride.



[Intended Use]

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

[Source]

The flower of *Magnolia liliiflora* Desr.

[Biological Activity or Inhibitors]

Magnoflorine has anti-inflammatory activity, it can inhibit inflammations.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.1% Formic acid in water- 0.1% Formic acid in methanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 270 nm.

[Storage]

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

[References]

[1] K peli E, Ko ar M, Ye ilada E, *et al. Life Sci.*, 2002, 72(6):645-57.

[2] Kim W I, Bing T Z, Hai Y Z, *et al. Arch. Pharm.Res.*, 2013, 37(9):1139-47.

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