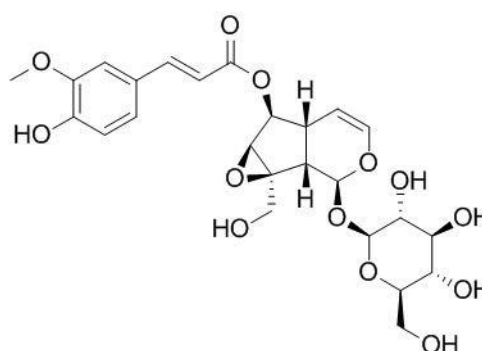


Picroside III Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Picroside III**Catalog No.:** CFN99567**Cas No.:** 17020-04-1**Purity:** >=98%**M.F:** C₂₅H₃₀O₁₃**M.W:** 538.50**Physical Description:** White powder

Synonyms:[(1aS)-1a,1bα,2,5aα,6,6aβ-Hexahydro-6α-[(E)-3-(4-hydroxy-3-methoxyphenyl)propenoxy]-1aβ-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]pyran-2α-yl]β-D-glucopyranoside.

[Intended Use]

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

[Source]

The roots of *Picrorhiza scrophulariiflora*.

[Biological Activity or Inhibitors]

Picrosides exhibit significant learning and memory deficits, just as Alzheimer's disease(AD) in human.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase:Acetonitrile-0.1% Acetic acid aqueous=23:77;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 266 nm.

[Storage]

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

[References]

[1] Li T, Liu J W, Cao Y, *et al.* *Journal of East China University of Science & Technology*, 2006, 32(5):544-7.

[2] Yang F C, Yang S L, Xu L Z. *Biomed.Chromatogr.*, 2005, 19(4):279-84.

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