

Yuexiandajisu D Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Yuexiandajisu D

Catalog No.: CFN92874

Cas No.: 866556-15-2

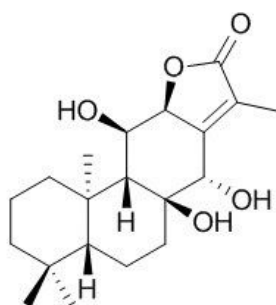
Purity: >=98%

M.F: C₁₆H₂₂O₁₀

M.W: 374.34

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Euphorbia ebracteolata*.

[Biological Activity or Inhibitors]

Yuexiandajisu D shows moderate cytotoxic activity against cancer cell lines on HCT-8 and

Bel-7402, with IC50 values of 2.66 and 3.76 microM, respectively.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: CHCl₃ -Methanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 225 nm.

[Storage]

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

[References]

[1] Fu G M, Qin H L, Yu S S, *et al. J. Asian Nat. Prod. Res.*, 2006, 8(1-2):29-34.

[2] Shi H M, Williams I D, Sung H H, *et al. Planta Med.*, 2005, 71(4):349-54.

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