

Eupalinolide A Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Eupalinolide A

Catalog No.: CFN90381

Cas No.: 877822-41-8

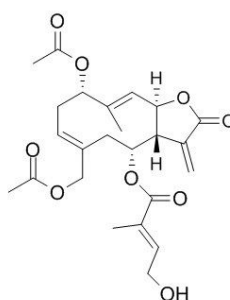
Purity: >=98%

M.F: C₂₄H₃₀O₉

M.W: 462.49

Physical Description: Cryst.

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Eupatorium lindleyanum* DC.

[Biological Activity or Inhibitors]

Eupalinolide A and eupalinolide B, isolated from *Eupatorium lindleyanum*, they show

potent cytotoxicity against A-549, BGC-823, SMMC-7721, and HL-60 tumour cell lines .^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile- H₂O=27:73 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1]Huo J, Yang S P, Ding J, *et al. J. Nat. Prod.*, 2007, 67(9):1470-5.

[2]Yang N Y, Duan J A, Qian D W, *et al. Chromatographia*, 2009, 70(1):205-9.

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