

Methyl 6-hydroxyangolensate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Methyl 6-hydroxyangolensate

Catalog No.: CFN98209

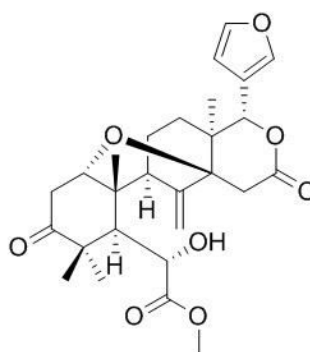
Cas No.: 22255-07-8

Purity: > 95%

M.F: C₂₇H₃₄O₈

M.W: 486.6

Physical Description: Powder



Synonyms: (13 α ,17 $\alpha\alpha$)-1 α ,14 β :21,23-Diepoxy-6-hydroxy-4,4-dimethyl-3,16-dioxo-D-homo-24-nor-17-oxa-6,7-seco-5 α -chola-7,20,22-triene-6-carboxylic acid methyl ester.

[Intended Use]

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

[Source]

The barks of *Khaya grandifoliola* C.D.C.

[Biological Activity or Inhibitors]

Methyl 6-hydroxyangolensate shows antifungal and antibacterial activities.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Abdelgaleil Samir A M, Fumio H, Munehiro N. *Pest Manag.Sci.*, 2005 Feb; 61(2): 186-90.

[2] Abdelgaleil S A M, Iwagawa T, Doe M, *et al. Fitoterapia*, 2004, 75(6): 566-72.

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