

11-Hydroxyjasmonic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 11-Hydroxyjasmonic acid

Catalog No.: CFN99457

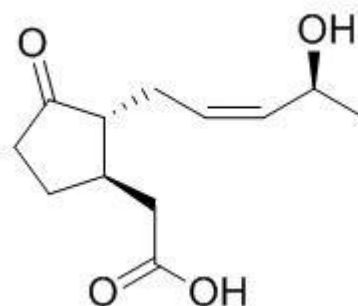
Cas No.: 140447-14-9

Purity: > 95%

M.F: C₁₂H₁₈O₄

M.W: 226.3

Physical Description: Powder



Synonyms: {(1R,2R)-2-[(2Z,4S)-4-Hydroxy-2-penten-1-yl]-3-oxocyclopentyl}acetic acid;
2-Hydroxy-2,2a,6,9a-tetramethyl-2a,4a,5,6,6a,9a,9b,9c-octahydro-2H-1,4-dioxadicyclopenta[cd,f]azulene-3,9-dione.

[Intended Use]

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

[Source]

The herbs of *Stephania japonica*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

HPLC-MS:

Mobile phase: 0.2% Acetic acid in water- Methanol=70:30 ;

Flow rate: 0.5 ml/min;

Column temperature: Room Temperature;

Nebulization temperature: 170 °C;

Desolvator temperature: 400 °C;

The drift voltage: -40V;

The needle voltage: 2700V.

[Storage]

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

[References]

[1] Matsuura H, Ohkubo Y, Yoshihara T. *Biosci. Biotechnol. Biochem.*,2001,65(2):378-82.

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