

Physalin L Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Physalin L

Catalog No.: CFN90166

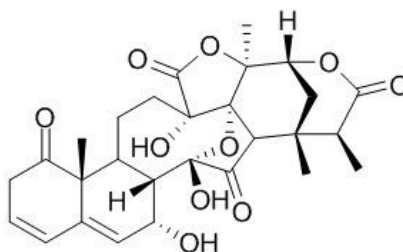
Cas No.: 113146-74-0

Purity: >=98%

M.F: C₂₈H₃₂O₁₀

M.W: 528.55

Physical Description: White powder



Synonyms: (1S,2S,3R,5R,6S,7R,14R,15S,18R,21S,22R,25S)-5,7,18-Trihydroxy-1,14,21,25-tetramethyl-4,20,23-trioxahaptacyclo[20.3.1.1^{2,5}.0^{3,18}.0^{3,21}.0^{6,15}.0^{9,14}]heptacos-8,10-diene-13,19,24,27-tetrone.

[Intended Use]

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

[Source]

The herbs of *Physalis alkekengi*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Acetonitrile-0.1% Phosphoric acid in water=34:66 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 220 nm.

[Storage]

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

[References]

[1] Zou B, Yuan Y, Xu N, *et al. China Pharmacy*, 2011, 22(15):1393-5.

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