

Pterisolic acid A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Pterisolic acid A

Catalog No.: CFN97975

Cas No.: 1401419-85-9

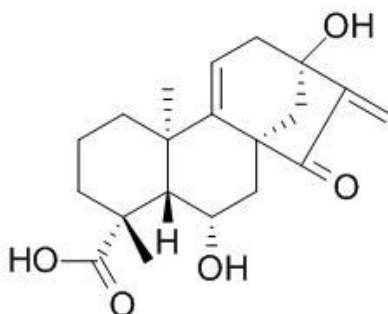
Purity: >=95%

M.F: C₂₀H₂₆O₅

M.W: 346.4

Physical Description: Powder

Synonyms: (4α,6α)-6,13-Dihydroxy-15-oxokaura-9(11),16-dien-18-oic acid.



[Intended Use]

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

[Source]

The herbs of *Pteris semipinnata*.

[Biological Activity or Inhibitors]

Pterisolic acid A shows moderate activity against HCT-116, Hep G2 and BGC-823 cell

lines.^[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: 231 nm.

[Storage]

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

[References]

[1] Zhang Y, Shi Y S, Hu W Z, *et al. China Journal of Chinese Materia Medica*, 2016, 41(24):4610-4.

[2] Fei W, Li Y, Ren F, *et al. Chem. Pharm. Bull.*, 2011, 59(4):484-7.

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