

Tripterifordin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Tripterifordin

Catalog No.: CFN99442

Cas No.: 17020-04-1

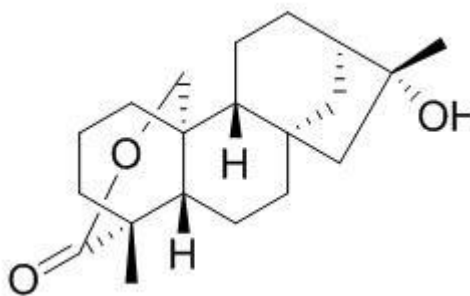
Purity: > 95%

M.F: C₂₀H₃₀O₃

M.W: 318.5

Physical Description: Powder

Synonyms: (8α,10α,13α,16β)-16-Hydroxy-18,20-epoxykauran-18-one.



[Intended Use]

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

[Source]

The roots of *Tripterygium wilfordii*.

[Biological Activity or Inhibitors]

Tripterifordin has immunosuppressive activity, it shows significant inhibitory effects on

cytokine production.^[1]

Tripterifordin shows anti-HIV replication activity in H9 lymphocyte cells with an EC₅₀ of 1 microgram/ml.^[2]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Duan H, Takaishi Y, Momota H, *et al. J.Nat.Prod.*, 1999 ,62(11):1522-5.

[2] Chen K, Shi QA, Fujioka T, *et al. J.Nat.Prod.*, 1992, 55(1):88-92.

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