

3-O-(E)-p-Coumaroylbetulin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 3-O-(E)-p-Coumaroylbetulin

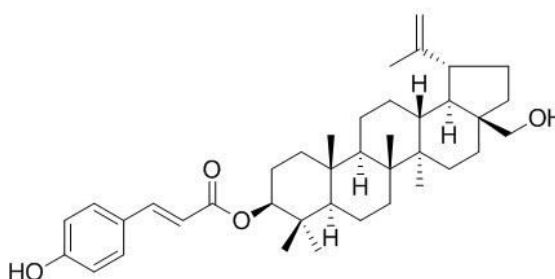
Catalog No.: CFN99486

Cas No.: 144424-80-6

Purity: > 95%

M.F: C₃₉H₅₆O₄

M.W: 588.9



Physical Description: Powder

Synonyms: Lup-20(29)-ene-3,28-diol,3-[3-(4-hydroxyphenyl)-2-propenoate],[3b(E)];

3-(E)-trans Coumaroylbetulin; 3-(E)-p-Coumaroylbetulin.

[Intended Use]

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

[Source]

The herbs of *Diospyros lotus*.

[Biological Activity or Inhibitors]

3- β -O-trans-p-coumaroylbetulinol has anti-angiogenic effect, it possesses significant anti-proliferative activity with 66.7% inhibition at 100uM.^[1]

[**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] Bavela S, Dimitrakoudi S M, Angelis A, *et al. Planta Med.*,2014, 80(16).

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