



3-beta-O-(cis-p-Coumaroyl)maslinic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 3-beta-O-(cis-p-Coumaroyl)maslinic acid

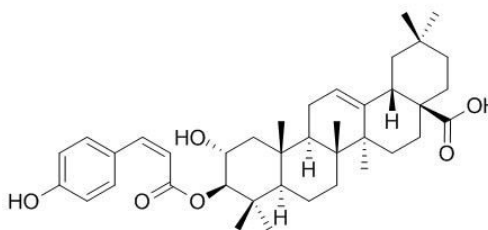
Catalog No.: CFN92208

Cas No.: 69297-40-1

Purity: > 95%

M.F: C₃₉H₅₄O₆

M.W: 618.9



Physical Description: Powder

Synonyms: (2alpha,3beta)-2-Hydroxy-3-[[[(2Z)-3-(4-hydroxyphenyl)-1-oxo-2-propen-1-yl]oxy]-olean-12-en-28-oic acid.

[Intended Use]

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

[Source]

From *Faeces Trogopteris*.

[Biological Activity or Inhibitors]

3- β -O-cis-p-Coumaroyl maslinic acid shows antimicrobial activity on Gram-positive bacteria and yeasts.^[1]

3-O-cis-p-Coumaroyl maslinic acid exhibits significant anti-complement activity with IC₅₀ values of 101.4 microM, it may play an important role in inhibiting the hemolytic activity of human serum against erythrocytes.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Methanol -H₂O=85:15 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Braca, A., Morelli, I., Mendez, J., *et al. Planta Med.*, 2000, 66(8): 768-9.

[2] Lee S M, Park J G, Lee Y H, *et al. Biol. Pharm. Bull.*, 2004, 27(11):1883-6.

[3] Xu Q M, Tang L H, Li X, *et al. Chinese Pharmaceutical Journal*, 2010, 45(11):825-8.

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