

Methyl gypsogenin 3-O-beta-D-glucuronopyranoside

Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Methyl gypsogenin 3-O-beta-D-glucuronopyranoside

Catalog No.: CFN90727

Cas No.: 96553-02-5

Purity: >=98%

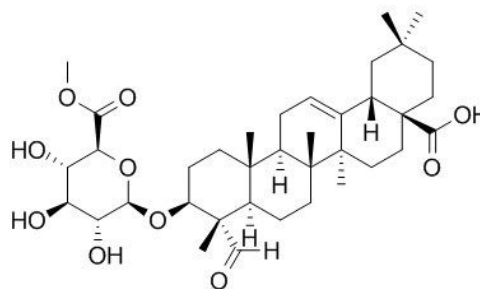
M.F: C₃₇H₅₆O₁₀

M.W: 660.9

Physical Description: Powder

Synonyms: Gypsogenin 3-O-Beta-D-glucuronopyranoside;

Methyl (28-Hydroxy-23,28-dioxolean-12-en-3β-yl β-D-Glucopyranoside)uronate.



[Intended Use]

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

[Source]

The seeds of *Momordica cochinchinensis*.

[Biological Activity or Inhibitors]

Gypsogenin 3-O-beta-D-glucuronopyranoside shows inhibitory activity toward pancreatic lipase with IC₅₀ value of 0.29 mM, and the free carboxylic acid groups in position 28 within its chemical structures are required for enhancement of pancreatic lipase inhibition.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Li F, Li W, Fu H, *et al. Chem. Pharm. Bull. (Tokyo).*,2007, 55(7):1087-9.

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