[Product Information]

Name: Lobetyolinin
Catalog No.: CFN92357
Cas No.: 142451-48-7
Purity: > 95%
M.F: C_{26}H_{38}O_{13}
M.W: 558.6

Physical Description: Powder

Synonyms: 2-Hydroxy-1-(5-hydroxy-1-penten-1-yl)-7-nonene-3,5-diyn-1-yl
6-O-beta-D-glucopyranosyl-beta-D-glucopyranoside.

[Intended Use]

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

[Source]

The roots of Codonopsis pilosula.

[Biological Activity or Inhibitors]
Lobetyolin has a protective role in gastric mucosa injury, and the mechanism may be related to the increase in level of 6-K-PGF1α and the inhibition of gastric acid and EGF.[1]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][2]
Mobile phase: Acetonitrile-H2O, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wavelength of determination: 267 nm.

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

[ References ]

[ Contact ]
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