



1,5,15-Tri-O-methylmorindol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 1,5,15-Tri-O-methylmorindol

Catalog No.: CFN97518

Cas No.: 942609-65-6

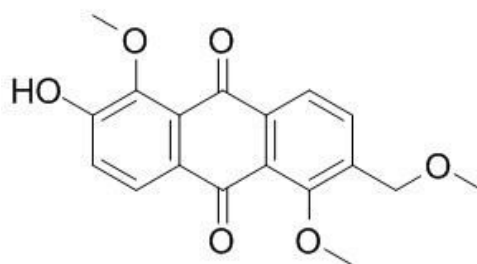
Purity: > 95%

M.F: C₁₈H₁₆O₆

M.W: 328.32

Physical Description: Yellow powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Morinda citrifolia*.

[Biological Activity or Inhibitors]

1,5,15-tri-O-methylmorindol, 2-O-(beta-D-glucopyranosyl)-1-O-hexanoyl-beta-D-glucopyra

nose and 2-O-(beta-D-glucopyranosyl)-1-O-octanoyl-beta-D-glucopyranose exhibit moderate inhibitory effects against the Epstein-Barr virus early antigen (EBV-EA) activation induced by 12-O-tetradecanoylphorbol-13-acetate (TPA) (IC₅₀ values of 386-578 mol ratio/32 pmol TPA), they may have potential cancer chemopreventive activity.^[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] Toshihiro Akihisa , Kazumi Matsumoto, Harukuni Tokuda , *et al. J.Nat. Prod.*, 2007, 70(5):754-7.

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