



Coronalolide methyl ester Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Coronalolide methyl ester

Catalog No.: CFN98316

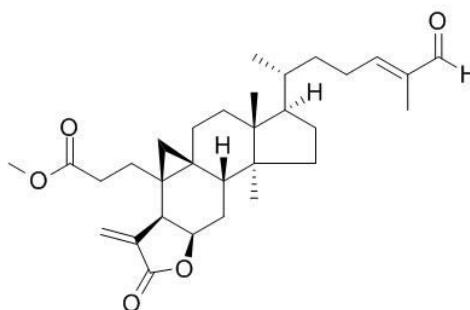
Cas No.: 268214-50-2

Purity: > 95%

M.F: C₃₁H₄₄O₅

M.W: 496.7

Physical Description: Powder



Synonyms: Methyl-3-((1aS,3aR,4R,6aS,6bS,7aR,10aR,10bR)-3a,6a-dimethyl-4-((R,E)-6-methyl-7-oxohept-5-en-2-yl)-10-methylene-9-oxododecahydro-1H-cyclopenta[7,8]cyclopropana[4,4a]naphtho[2,3-b]furan-10b(2H)-yl)propanoate.

[Intended Use]

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

[Source]

The herbs of *Gardenia sootepensis hutchins*.

[Biological Activity or Inhibitors]

Coronalolide methyl ester and coronalolide show broad cytotoxic activity against a panel of human cancer cell lines.^[1]

Coronalolide methyl ester displays significant anti-HIV activities in the HIV-1RT assay.^[2]

[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] Silva G L, Gil R R, Cui B, *et al. Tetrahedron*,1997,28(18):529-38.

[2] Reutrakul V, Krachangchaeng C, Tuchinda P, *et al. Tetrahedron*,2004, 60(7):1517-23.

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