[ 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-oxohex-5-en-2-yl)-10-methylene-9-oxo-decahydro-1H-cyclopenta[7,8]cyclopr
opa[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 hutchin.
Biological Activity or Inhibitors

Coronalolide methyl ester and coronalolide show broad cytotoxic activity against a panel of human cancer cell lines.\(^\text{[1]}\)

Coronalolide methyl ester displays significant anti-HIV activities in the HIV-1RT assay.\(^\text{[2]}\)

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


Contact

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