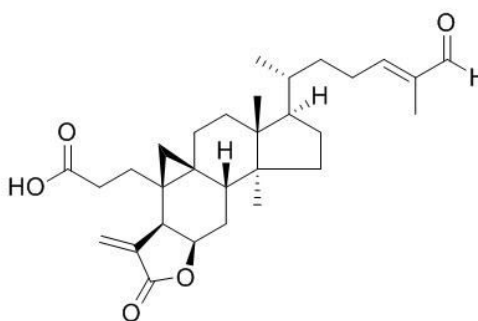


Coronalolide Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Coronalolide**Catalog No.:** CFN98317**Cas No.:** 268214-51-3**Purity:** > 95%**M.F:** C₃₀H₄₂O₅**M.W:** 482.7**Physical Description:** Powder

Synonyms: 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]cyclopropa[4,4a]naphtho[2,3-b]furan-10b(2H)-yl)propanoic acid.

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

Coronalolide shows significant cytotoxic activities in P-388 cell line, it also 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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