

Coronarin B Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Coronarin B

Catalog No.: CFN99303

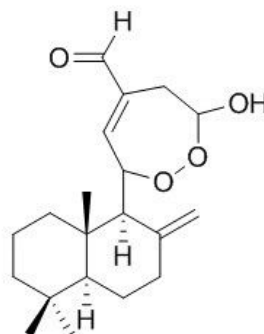
Cas No.: 119188-38-4

Purity: > 95%

M.F: C₂₀H₃₀O₄

M.W: 334.5

Physical Description: Powder



Synonyms: (7S)-3-Hydroxy-7-[(1S,4aS,8aS)-5,5,8a-trimethyl-2-methylenedecahydro-1-naphthalenyl]-4,7-dihydro-3H-1,2-dioxepine-5-carbaldehyde.

[Intended Use]

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

[Source]

The rhizomes of *Hedychium coronarium*.

[Biological Activity or Inhibitors]

Coronarin, A, B, C, and D are cytotoxic principles from the rhizomes of *Hedychium coronarium*, Zingiberaceae.^[1]

Coronarin B shows a modest in vitro activity against a chloroquine-sensitive *Plasmodium falciparum* strain.^[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] Itokawa H, Morita H, Katou I, *et al. Planta Med.*, 1988, 54(54):311-5.

[2] Duker-Eshun G, Jaroszewski J W, Asomaning W A, *et al. Planta Med.*, 2002, 68(7): 642-4.

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