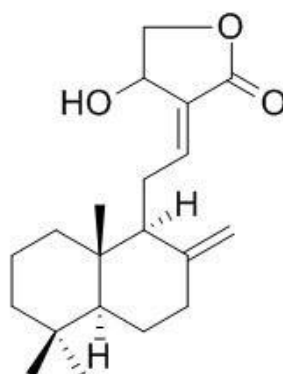


Isocoronarin D Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Isocoronarin D**Catalog No.:** CFN99438**Cas No.:** 138965-88-5**Purity:** > 95%**M.F:** C₂₀H₃₀O₃**M.W:** 318.5**Physical Description:** Powder**Synonyms:** (3E)-4-Hydroxy-3-{2-[(1S,4aS,8aS)-5,5,8a-trimethyl-2-methylenedecahydro-1-naphthalenyl]ethylidene}dihydro-2(3H)-furanone.**[Intended Use]**

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

[Source]The rhizomes of *Hedychium coronarium*.

[Biological Activity or Inhibitors]

Isocoronarin D can activate antioxidant response element (ARE) (EC_{50} 57.6 ± 2.4 μ M), it may have potential chemopreventive activity.^[1]

Isocoronarin D is a main active ingredient for inducing death of the tested cancer cells, it possesses a wide anti-cancer capability.^[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] Endringer D C, Taveira F S N, Kondratyuk T P, *et al. Rev.Bras.Farmacogn.*,2014, 24(4): 408-12.

[2] Zeng Q H, Lu C L, Zhang X W, *et al. Food & Function*, 2015, 6(2):431-43.

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