

Kihadanin B Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Kihadanin B

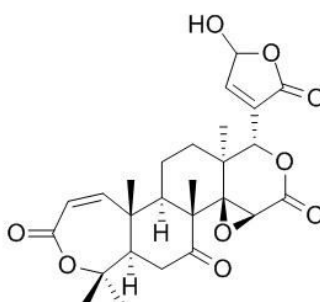
Catalog No.: CFN92527

Cas No.: 73793-68-7

Purity: > 95%

M.F: C₂₆H₃₀O₉

M.W: 486.5



Physical Description: Powder

Synonyms: (5aR,5bR,7aS,8R,10aS,11aR,11bR,13aR)-8-(5-hydroxy-2-oxo-2,5-dihydrofuran-3-yl)-1,1,5a,7a,11b-pentamethyl-5b,6,7,7a,8,11b,13,13a-octahydrooxireno[4,4a]isochromeno[6,5-g][2]benzoxepine-3,10,12(1H,5aH,10aH)-trione.

[Intended Use]

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

[Source]

The barks of *Phellodendron amurense*.

[Biological Activity or Inhibitors]

Kihadanin B can repress the adipogenesis by decreasing lipid accumulation through the suppression of the Akt-FOXO1-PPAR γ axis in 3T3-L1 adipocytes.^[1]

[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] Baba S, Ueno Y, Kikuchi T, *et al. J. Agric. Food Chem.*, 2016, 64 (51): 9607-15.

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