

11-Hydroxytephrosin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 11-Hydroxytephrosin

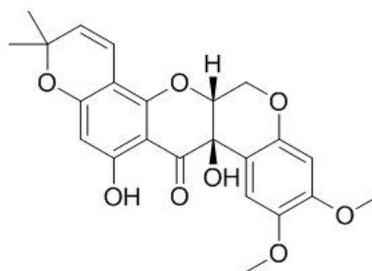
Catalog No.: CFN97996

Cas No.: 72458-85-6

Purity: >=95%

M.F: C₂₃H₂₂O₈

M.W: 426.4



Physical Description: Yellow powder

Synonyms: (7aR,13aR)-6,7a-Dihydroxy-9,10-dimethoxy-3,3-dimethyl-13,13a-dihydro-3H-chromeno[3,4-b]pyrano[2,3-h]chromen-7(7aH)-one.

[Intended Use]

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

[Source]

The herbs of *Derris robusta*.

[Biological Activity or Inhibitors]

11-Hydroxytephrosin is an antimicrobial agent from higher plants.^[1]

11-Hydroxytephrosin inhibits NF- κ B activity, with IC₅₀ value of 0.19 μ M.^[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] Mitscher L A, Al-Shamma A, Haas T, *et al. Heterocycles*, 1979, 12(8).

[2] Dat N T, Lee J H, Lee K, *et al. J. Nat. Prod.*, 2008, 71(10):1696-700.

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