

## 11-Hydroxytephrosin Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** 11-Hydroxytephrosin

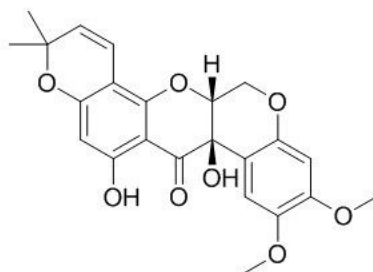
**Catalog No.:** CFN97996

**Cas No.:** 72458-85-6

**Purity:** >=95%

**M.F:** C<sub>23</sub>H<sub>22</sub>O<sub>8</sub>

**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.<sup>[1]</sup>

11-Hydroxytephrosin inhibits NF- $\kappa$ B activity, with IC<sub>50</sub> value of 0.19  $\mu$ M.<sup>[2]</sup>

## **[ 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.

## **[ Contact ]**

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