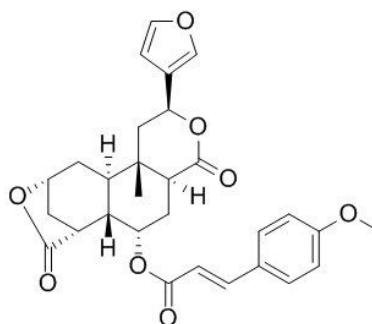


# Diosbulbin I Datasheet

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

## [ Product Information ]

**Name:** Diosbulbin I**Catalog No.:** CFN99288**Cas No.:** 1187951-05-8**Purity:** > 95%**M.F:** C<sub>29</sub>H<sub>30</sub>O<sub>8</sub>**M.W:** 506.6**Physical Description:** Powder

**Synonyms:** (1R,2S,3S,5S,8S,11R,13R)-8-(3-Furyl)-10-methyl-6,15-dioxo-7,14-dioxatetra cyclo[11.2.1.0<sup>2,11</sup>.0<sup>5,10</sup>]hexadec-3-yl (2E)-3-(4-methoxyphenyl)acrylate; Dihydro-3-(3,4,5-trimethoxybenzyl)-4-veratryl-2(3H)-furanone trans; di-O-Propionyl-1,4,3,6-dianhydro-D-glucitol.

## [ Intended Use ]

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

## [ Source ]

The roots of *Dioscorea bulbifera*.

## **[ Biological Activity or Inhibitors ]**

Not data available.

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]<sup>[1]</sup>**

Mobile phase: Methanol -H<sub>2</sub>O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 312 nm.

## **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

## **[ References ]**

[1] Wang G, Liu J S, Lin B B, *et al. Chem. Pharm. Bull. (Tokyo)*, 2009 Jun;57(6):625-7.

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