



## Genipin-1-O-gentiobioside Datasheet

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

### [ Product Information ]

**Name:** Genipin-1-O-gentiobioside

**Catalog No.:** CFN98524

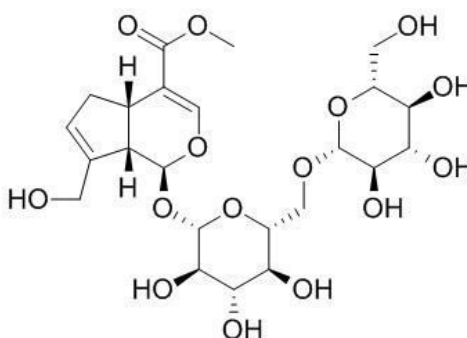
**Cas No.:** 29307-60-6

**Purity:** >=98%

**M.F:** C<sub>23</sub>H<sub>34</sub>O<sub>15</sub>

**M.W:** 550.51

**Physical Description:** White powder



**Synonyms:** Methyl-(1S,4aS,7aS)-7-(hydroxymethyl)-1-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-[[[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]oxan-2-yl]oxy-1,4a,5,7a-tetrahydrocyclopenta[c]pyran-4-carboxylate.

### [ Intended Use ]

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

### [ Source ]

The fruits of *Gardenia jasminoides* Ellis.

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

Not data available.

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

Mobile phase: Methanol–20 mM NH<sub>4</sub>Ac=30:70 ;

Flow rate:0.8 ml/min;

Column temperature: 30℃;

The wave length of determination:240 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Liu H, Gao L, Liu M, *et al. Microchem. J.*, 2006, 84(1-2):38-43.

## **[ Contact ]**

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