

## Mannioside A Datasheet

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

### [ Product Information ]

**Name:** Mannioside A

**Catalog No.:** CFN99055

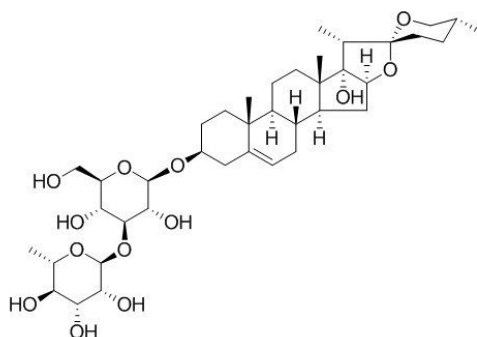
**Cas No.:** 1038922-95-0

**Purity:** > 95%

**M.F:** C<sub>39</sub>H<sub>62</sub>O<sub>13</sub>

**M.W:** 738.9

**Physical Description:** Powder



**Synonyms:** (3 $\beta$ ,25R)-17-Hydroxyspirost-5-en-3-yl-3-O-(6-deoxy- $\alpha$ -L-mannopyranosyl)- $\beta$ -D-glucopyranoside.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Dracaena mannii*.

### [ Biological Activity or Inhibitors ]

Mannioside A has anti-inflammatory effect, it can significantly inhibit carrageenan-induced paw edema in the rat.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

## **[ HPLC Method ]<sup>[2]</sup>**

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

Flow rate:1.0 ml/min;

Column temperature: 25℃;

The wave length of determination:280 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Tapondjou L A, Ponou K B, Teponno R B, *et al. Arch. Pharm. Res.*,2008 May;31(5): 653-8.

[2] Chen C, Zhao X H, Yue H L, *et al. J. Chromatogr. Sci.*,2014, 52(5):395-9.

## **[ Contact ]**

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