

## 1,2:4,5-Di-O-isopropylidene-beta-D-fructopyranose Datasheet

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

### [ Product Information ]

**Name:** 1,2:4,5-Di-O-isopropylidene-beta-D-fructopyranose

**Catalog No.:** CFN98273

**Cas No.:** 25018-67-1

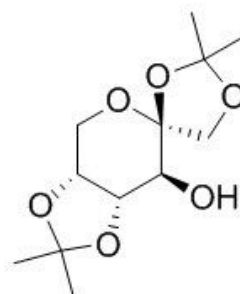
**Purity:** > 95%

**M.F:** C<sub>12</sub>H<sub>20</sub>O<sub>6</sub>

**M.W:** 260.3

**Physical Description:** Cryst

**Synonyms:**β-D-Fructopyranose,1,2:4,5-bis-O-(1-methylethylidene)-.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Euphorbia macroclada*.

### [ Biological Activity or Inhibitors ]

1,2:4,5-di-O-isopropylidene-beta-D-fructopyranose is a synthetic precursor of the

asymmetric epoxidation catalyst 1,2:4,5-di-O-isopropylidene-beta-D-erythro-2,3-hexadiulo-2,6-pyranose.<sup>[1]</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] Luca Gonsalvi, Isabel W. C. E. Arends, Roger A. *Organ. Lett.*, 2002, 4(10):1659-61.

## **[ Contact ]**

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