

## Fraxamoside Datasheet

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

### [ Product Information ]

**Name:** Fraxamoside

**Catalog No.:** CFN98417

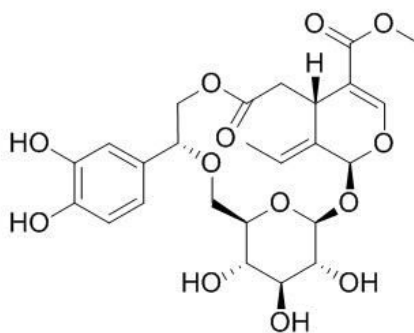
**Cas No.:** 326594-34-7

**Purity:** > 95%

**M.F:** C<sub>25</sub>H<sub>30</sub>O<sub>13</sub>

**M.W:** 538.5

**Physical Description:** Powder



**Synonyms:** Methyl(1S,3S,7S,12R,15R,16S,17S,18R,20E)-12-(3,4-dihydroxyphenyl)-20-ethylidene-16,17,18-trihydroxy-9-oxo-2,4,10,13,19-pentaoxatricyclo[13.3.1.1<sup>3,7</sup>]icos-5-ene-6-carboxylate.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Olea europaea* L.

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

Fraxamoside shows significant free radical scavenging effect against DPPH( $EC_{50}=62.6$   $\mu$ M).<sup>[1]</sup>

Fraxamoside is a xanthine oxidase inhibitor (XOI) comparable in potency in vitro to the standard antigout drug allopurinol.<sup>[2]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

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

## **[ References ]**

[1] De M S, Festa C, Zollo F, *et al. Anticancer Agents Med. Chem.*,2014;14(10):1376-85.

[2] Vitale RM, Antenucci L, Gavagnin M, *et al. J. Enzym. Inhib. Med. Ch.*,2017,32(1):345-54.

## **[ Contact ]**

### **Address:**

S5-3 Building, No. 111, Dongfeng Rd.,  
Wuhan Economic and Technological Development Zone,  
Wuhan, Hubei 430056,  
China

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)