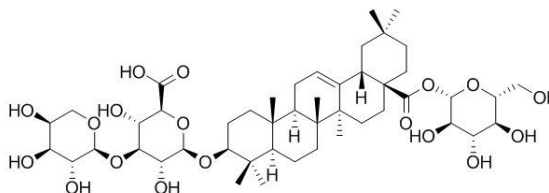


## Momordin II Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Momordin II**Catalog No.:** CFN92562**Cas No.:** 95851-41-5**Purity:** > 95%**M.F:** C<sub>47</sub>H<sub>74</sub>O<sub>18</sub>**M.W:** 927.1**Physical Description:** Powder**Synonyms:** 1-O-[(5xi,9xi,18alpha)-3-[[3-O-(alpha-L-arabinopyranosyl)-alpha-D-glucopyranuronosyl]oxy]-28-oxoolean-12-en-28-yl]-beta-D-glucopyranose.**[ Intended Use ]**

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

**[ Source ]**The fruits of *Momordica cochinchinensis*.**[ Biological Activity or Inhibitors ]**

Momordin II can induce apoptosis in the cells and has cytotoxic effects.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

HPLC-ELSD:

Mobile phase: Methanol -H<sub>2</sub>O- Acetic acid=85:15:0.2;

Flow rate: 1.0 ml/min;

Column temperature:Room Temperature;

Drift tube temperature: 70 °C;

Pressure of N<sub>2</sub> :0.21mPa.

## **[ Storage ]**

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

## **[ References ]**

[1] Permana GI,Balgis,Mujosemedi.*Nexus Biomedika*, 2013,2(1).

[2] Xia Y F, Wang Q, Dai Y, *et al.* *China Journal of Chinese Materia Medica*, 2002, 27(12):  
890-3.

## **[ Contact ]**

### **Address:**

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

**Email:** info@chemfaces.com

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

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

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

**Tech Support:** service@chemfaces.com