

## Momordicoside G Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

### [ Product Information ]

**Name:** Momordicoside G

**Catalog No.:** CFN97295

**Cas No.:** 81371-54-2

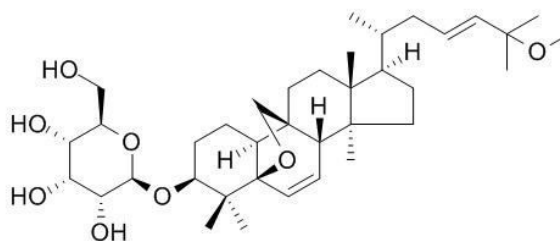
**Purity:** > 98%

**M.F:** C<sub>37</sub>H<sub>60</sub>O<sub>8</sub>

**M.W:** 632.9

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The fresh fruits of *Momordica charantia* L.

### [ Biological Activity or Inhibitors ]

Momordicosides K and L, the main bitter taste triterpene glycosides in Bitter melon; and bitter melon has been reported to have hypoglycemic, anti atherogenic and anti HIV activities. <sup>[1]</sup>

### **[ Solvent ]**

Pyridine, Methanol, Ethanol, Hot water, DMSO, etc.

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

Mobile phase: Acetonitrile-Methanol-50mM Potassium dihydrogen phosphate buffer  
=25:20:60;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 208 nm.

### **[ Storage ]**

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

### **[ References ]**

[1] Donya A. *Dissertations & Theses - Gradworks*, 2007.

[2] Shui W, Lin T, Guo Y, *et al. Chromatographia*, 2001, 53(7):372-4.

### **[ Contact ]**

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