

## Kuguaglycoside C Datasheet

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

### [ Product Information ]

**Name:** Kuguaglycoside C

**Catalog No.:** CFN92309

**Cas No.:** 1041631-93-9

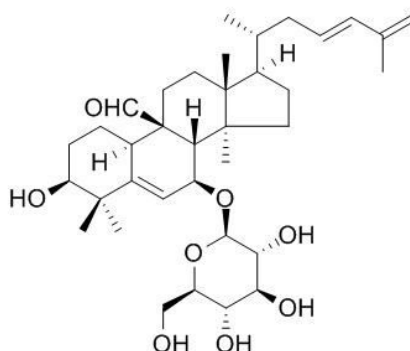
**Purity:** > 95%

**M.F:** C<sub>36</sub>H<sub>56</sub>O<sub>8</sub>

**M.W:** 616.8

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The fruits of *Momordica charantia*.

### [ Biological Activity or Inhibitors ]

Kuguaglycoside C can induce caspase-independent cell death of neuroblastoma cells,

and is involved, at least in part, in the mechanism underlying cell necroptosis.<sup>[1]</sup>

### **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

Mobile phase: Acetonitrile-H<sub>2</sub>O=57:43 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 203 nm.

### **[ Storage ]**

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

### **[ References ]**

[1] Tabata K, Hamano A, Akihisa T, *et al. Cancer Sci.*, 2012, 103(12):2153-8.

[2] Jing W X, Wei S, Ke Z, *et al. Chinese Traditional & Herbal Drugs*, 2011, 42(12):2471-3.

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