

## 6-Hydroxykaempferol-3,6,7-triglucoside Datasheet

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

### [ Product Information ]

**Name:** 6-Hydroxykaempferol-3,6,7-triglucoside

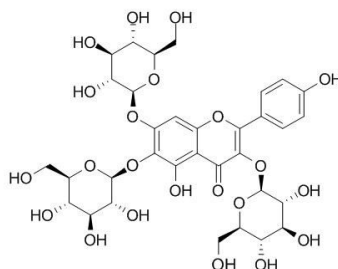
**Catalog No.:** CFN92521

**Cas No.:** 145134-62-9

**Purity:** > 95%

**M.F:** C<sub>33</sub>H<sub>40</sub>O<sub>22</sub>

**M.W:** 788.7



**Physical Description:** Powder

**Synonyms:** 3,6,7-Tris(beta-D-glucopyranosyloxy)-5-hydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Chrysactinia tinctorius*.

### [ Biological Activity or Inhibitors ]

6-Hydroxykaempferol 3,6,7-tri-O-glucoside and 6-hydroxykaempferol 3,6-di-O-glucoside can inhibit platelet aggregation induced by collagen, they also show weak inhibitory effects on the adenosine 5'-diphosphate (ADP)- induced platelet aggregation.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

Mobile phase: 0.1% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 280 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Iizuka T, Moriyama N H, Taniguchi A, *et al. Natural Med.*, 2005, 59(5):241-4.

[2] Chen J, Tu P, Jiang Y. *Journal of Chinese Pharmaceutical Sciences*, 2014, 23(7):490-5.

## **[ Contact ]**

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