

## Quercetin-3-O-sophoroside Datasheet

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

### [ Product Information ]

**Name:** Quercetin-3-O-sophoroside

**Catalog No.:** CFN90630

**Cas No.:** 18609-17-1

**Purity:** > 98%

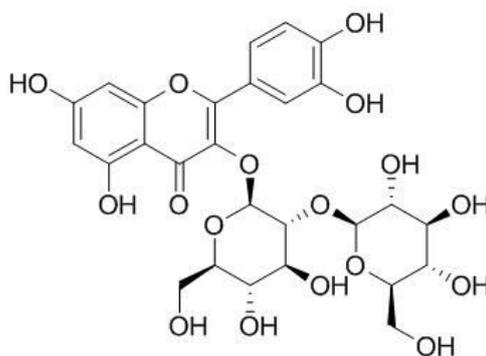
**M.F:** C<sub>27</sub>H<sub>30</sub>O<sub>17</sub>

**M.W:** 626.51

**Physical Description:** Yellow powder

**Synonyms:** Quercetin 3-beta-D-sophoroside; Baimaside;

Quercetin 3-O-beta-D-glucosyl-(1->2)-beta-D-glucoside.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Hedyotis diffusa*.

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

Quercetin 3-O-sophoroside has free-radical scavenging activity.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, Hot water, etc.

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

Mobile phase: Acetonitrile -0.1% Formic acid H<sub>2</sub>O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 360 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Delazar A, Lasheni S, Fathi-Azad F, *et al. Rec. Nat. Prod.*, 2010, 4(2):96-100.

[2] Li X Y, Gao Z, Wang R F, *et al. Food Science and Technology*, 2015, 36 (18): 49-52.

## **[ 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)