

## Torachryson 8-O-glucoside Datasheet

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

### [ Product Information ]

**Name:** Torachryson 8-O-glucoside

**Catalog No.:** CFN97101

**Cas No.:** 64032-49-1

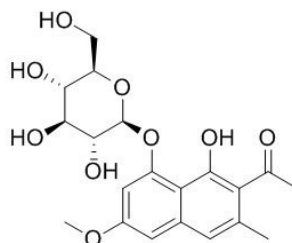
**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>24</sub>O<sub>9</sub>

**M.W:** 408.4

**Physical Description:** Yellow powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The rhizoma of *Rheum officinale* L.

### [ Biological Activity or Inhibitors ]

Torachryson-8-O-glucoside shows alpha-glucosidase inhibitory activities, it may be used

for the management of type 2 diabetes. [1]

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

HPLC-ESI

Mobile phase: Acetonitrile-0.1 % Aqueous formic acid, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

Capillary voltage : 3.3 kV;

The nebulizing pressure: 275.8 kPa;

Drying gas temperature : 350 °C;

Flow rate of gas : 9.0L/min;

Carrier gas: N<sub>2</sub>.

## **[ Storage ]**

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

## **[ References ]**

[1] Yang D, Zhao J D, Liu S, *et al. Anal. Methods-UK. 2014, 6(10):3353-9.*

[2] Hai F C, You H C, Liu C H, *et al. Chinese Medicine, 2016, 11(1):1-12.*

## **[ Contact ]**

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