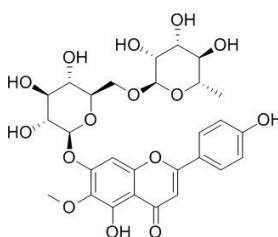


## Hispidulin 7-O-neohesperidoside Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)**[ Product Information ]****Name:** Hispidulin 7-O-neohesperidoside**Catalog No.:** CFN90892**Cas No.:** 156186-00-4**Purity:** >=95%**M.F:** C<sub>28</sub>H<sub>32</sub>O<sub>15</sub>**M.W:** 608.6**Physical Description:** Yellow powder**Synonyms:** 7-[[2-O-(6-Deoxy-alpha-L-mannopyranosyl)-beta-D-glucopyranosyl]oxy]-5-hydroxy-2-(4-hydroxyphenyl)-6-methoxy-4H-1-benzopyran-4-one; Hispidulin 7-neohesperidoside.**[ Intended Use ]**

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

**[ Source ]**The herbs of *Plantago asiatica* L.

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

Hispidulin-7-O-neohesperidoside may alleviate alcoholic toxicity by enhancing ethanol oxidation as well as inhibiting lipid peroxidation.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

Mobile phase: 0.1% Trifluoroacetic acid aqueous-Methanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Park J C, Hur J M, Ju G P, *et al. Phytother. Res.*, 2004, 18(1):19-24.

[2] Thao N T, Cuong T D, Hung T M, *et al. Arch. Pharm. Res.*, 2011, 34(3):455-61.

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