Hispidulin 7-O-neohesperidoside Datasheet

4th 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_{28}H_{32}O_{15}
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.[1]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][2]
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℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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