

6''-O-Acetyastragalin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 6''-O-Acetyastragalin

Catalog No.: CFN99281

Cas No.: 130288-60-7

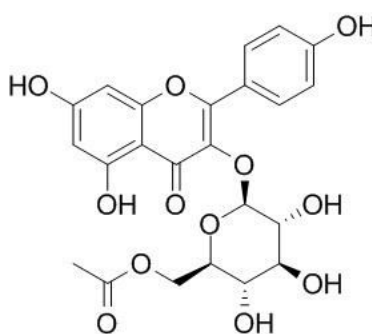
Purity: > 95%

M.F: C₂₃H₂₂O₁₂

M.W: 490.4

Physical Description: Yellow powder

Synonyms: 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4-oxo-4H-chromen-3-yl-6-O-acetyl-1-β-D-glucopyranoside; Kaempferol-7-O-D-glucopyranoside.



[Intended Use]

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

[Source]

The herbs of *Arnica chamissonis*.

[Biological Activity or Inhibitors]

Kaempferol 7-O-beta-d-glucopyranoside (6"-O-Acetylastragalin) is a novel supercoolant, to sub-zero non-freezing rat heart preservation.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 0.5 % Phosphate acid in water- Methanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 364 nm.

[Storage]

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

[References]

[1] Shimada, Motomura, Kinoshita, *et al. Transplantation*,2010,90(2S):444.

[2] He J, Gao Y, Li W M. *Traditional Chinese Drug Research & Clinical Pharmacology*, 2010, 21(2):192-4.

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