

Astragaloside Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Astragaloside

Catalog No.: CFN99170

Cas No.: 17429-69-5

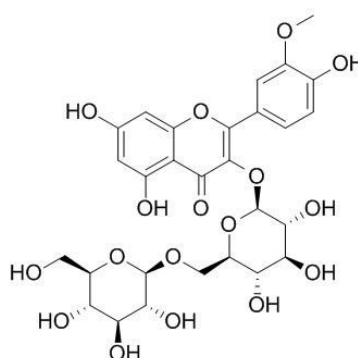
Purity: >=98%

M.F: C₂₈H₃₂O₁₇

M.W: 640.55

Physical Description: Yellow powder

Synonyms: 5,7-Dihydroxy-2-(4-hydroxy-3-methoxyphenyl)-4-oxo-4H-chromen-3-yl
6-O-beta-D-glucopyranosyl-beta-D-glucopyranoside.



[Intended Use]

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

[Source]

The root of *Astragalus membranaceus* (Fisch.) Bunge.

[Biological Activity or Inhibitors]

Astragaloside has several pharmacological actions on cardiovascular system, including positive inotropic, anti-arrhythmia and anti-oxidant activities; it also has anti-apoptotic activity, which may contribute to the improvement of clinical outcomes in treating myocarditis with pharmaceuticals of *Astragalus membranaceus*.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

HPLC-ELSD:

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

Drift tube temperature: 105 °C;

Flow rate of gas : 2.7L/min;

Carrier gas: N₂.

[Storage]

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

[References]

[1] Yin Y Y, Li W P, Gong H L, *et al. Am. J. Chin. Med.*, 2010;38(3):517-27.

[2] Guan J, Bi Z M, Li P. *Zhongguo Zhong yao za zhi*, 2006, 31(10):807-9.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

China

Tech Support: service@chemfaces.com