

Baohuoside II Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Baohuoside II

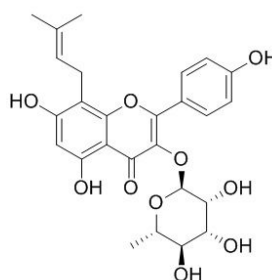
Catalog No.: CFN90764

Cas No.: 55395-07-8

Purity: >=98%

M.F: C₂₆H₂₈O₁₀

M.W: 500.49



Physical Description: Yellow powder

Synonyms: 5,7-Dihydroxy-2-(4-hydroxyphenyl)-8-(3-methylbut-2-en-1-yl)-4-oxo-4H-chromen-3-yl-6-deoxy-alpha-L-mannopyranoside; 3-[(6-Deoxy-alpha-L-mannopyranosyl)oxy]-5,7-dihydroxy-2-(4-hydroxyphenyl)-8-(3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one.

[Intended Use]

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

[Source]

The herbs of *Epimedium brevicornum* Maxim.

[Biological Activity or Inhibitors]

Baohuoside aglycone possesses cardioprotective effect in prevention of ischemia/reperfusion injury and reduce the myocardial infraction, the mechnism is due to the reduction of the injury of free radicals.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-Acetic acid solution(36% acetic acid-H₂O=4:100),gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 272 nm.

[Storage]

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

[References]

[1] Liao M L, Zhang G Z, Xu Z, *et al. Guide of China Medicine*, 2012, 10(10):14-6.

[2] Guo B L, Wang C L, Chen J M, *et al. Acta Pharm. Sin.*, 1996(4):292-5.

[Contact]

Address:

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

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com