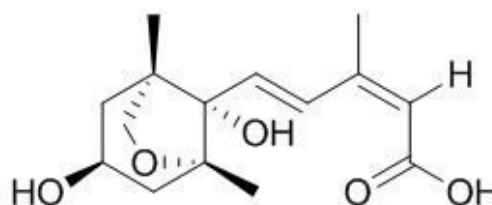


Dihydrophaseic acid Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Dihydrophaseic acid**Catalog No.:** CFN98657**Cas No.:** 41756-77-8**Purity:** > 98%**M.F:** C₁₅H₂₂O₅**M.W:** 282.3**Physical Description:** Powder**Synonyms:** 5-(3,8-Dihydroxy-1,5-dimethyl-6-oxabicyclo[3.2.1]oct-8-yl)-3-methyl-2,4-pentadienoic acid.**[Intended Use]**

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

[Source]The herb of *Echinocystis macrocarpa*.

[Biological Activity or Inhibitors]

Dihydrophaseic acid 3'-O-b-D-glucopyranoside (D3G) can increase the proliferation and differentiation of osteoblast cells and enhance bone formation, suggests that D3G may be a good candidate for the treatment of osteoporosis.^[1]

[Solvent]

Pyridine, DMSO, Methanol, etc.

[HPLC Method]

Mobile phase: Acetonitrile:Ethanol:Water=70:29:1;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 268 nm.

[Storage]

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

[References]

[1] Eunkuk Park, Mun-Chang Kim, Chun Whan Choi, *et al. Osteoporosis and Sarcopenia* 2015, 1(2):137-8.

[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