

Bayogenin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Bayogenin

Catalog No.: CFN90314

Cas No.: 6989-24-8

Purity: >=98%

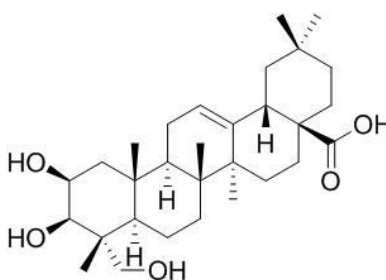
M.F: C₃₀H₄₈O₅

M.W: 488.70

Physical Description: Powder

Synonyms: (2beta,3beta,4alpha)-2,3,23-Trihydroxy-olean-12-en-28-oic-acid;

(2beta,3beta)-2,3,23-trihydroxyolean-12-en-28-oic acid.



[Intended Use]

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

[Source]

The tubers of *Bolbostemma paniculatum*

[Biological Activity or Inhibitors]

Bayogenin is a gly-cogen phosphorylase inhibitor with moderate potency.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.025% Trifluoroacetic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Wen X A, Liu J, Zhang L Y, *et al. Chinese Journal of Natural Medicines*, 2010, 8(6):441-8.

[2] Alabdul M A, Voutquenne L, Moretti C, *et al. J. Nat. Prod.*, 2006, 69(2):196-205.

[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