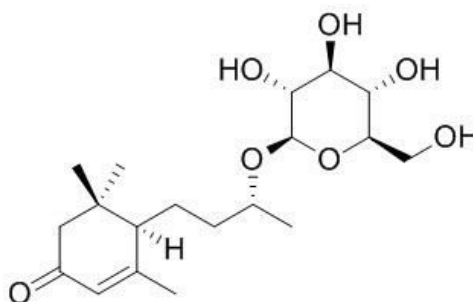


Byzantionoside B Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Byzantionoside B**Catalog No.:** CFN99871**Cas No.:** 189109-45-3**Purity:** >=95%**M.F:** C₁₉H₃₂O₇**M.W:** 372.5**Physical Description:** Powder**Synonyms:** (2R)-4-[(1R)-2,6,6-Trimethyl-4-oxo-2-cyclohexen-1-yl]-2-butanyl β -
D-glucopyranoside.**[Intended Use]**

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

[Source]The herbs of *Uraria crinita*.**[Biological Activity or Inhibitors]**

Byzantionoside B shows stimulatory activity on human osteoblast cells, it may have the potential to stimulate bone formation and regeneration.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O=75:25;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 239 nm.

[Storage]

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

[References]

[1] Mao Y W, Lin R D, Hung H C, *et al.* *J. Agric. Food Chem.*, 2014, 62(24):5581-8.

[2] Matsunami K, Otsuka H, Takeda Y. *Chem. Pharm. Bull.*, 2010, 58(3) 438-41.

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