

Gelsemiol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Gelsemiol

Catalog No.: CFN99205

Cas No.: 110414-77-2

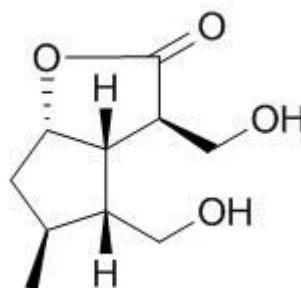
Purity: > 95%

M.F: C₁₀H₁₆O₄

M.W: 200.2

Physical Description: Powder

Synonyms: (3R,3aS,4R,5S,6aS)-3,4-Bis(hydroxymethyl)-5-methylhexahydro-2H-cyclopenta[b]furan-2-one.



[Intended Use]

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

[Source]

The herbs of *Verbena littoralis*.

[Biological Activity or Inhibitors]

Gelsemiol can elicit marked enhancement of NGF-mediated neurite outgrowth in PC12D cells, it may contribute to the basic study and the medicinal development for the neurodegenerative disorder.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Li Y, Ohizumi Y. *Yakugaku Zasshi.*,2004 Jul;124(7):417-24.

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