

Coriatin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Coriatin

Catalog No.: CFN97480

Cas No.: 91653-75-7

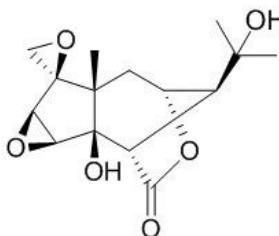
Purity: > 95%

M.F: C₁₅H₂₀O₆

M.W: 296.32

Physical Description: Powder

Synonyms: Spiro[2,5-methano-7H-oxireno[3,4]cyclopent[1,-2-d]oxepin-7,2'-oxiran]-3(2H)-one, hexahydro-1b-hydroxy-8-(1-hydroxy-1-methylethyl)-6a-methyl-, (1aS,1bR,2R,2'R,5R,6aR,7aR,8S)-.



[Intended Use]

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

[Source]

The herbs of *Coriaria nepalensis* Wall.

[Biological Activity or Inhibitors]

Coriatin and corianin demonstrate synergistic effect to insecticidal activity of tutin against armyworm.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- Acetonitrile, gradient elution ;

Flow rate: 5.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 215 nm.

[Storage]

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

[References]

[1] Guo X R, Zhang X H, Lu W H, *et al. Journal of Northwest Forestry University*, 2014, 29(1):105-10.

[2] Zhu X M. *Zhengzhou University.*, 2007.

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