

Corianin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Corianin

Catalog No.: CFN98470

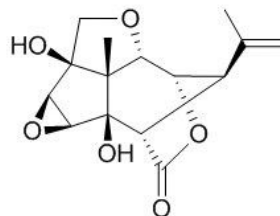
Cas No.: 35481-77-7

Purity: > 95%

M.F: C₁₅H₁₈O₆

M.W: 294.30

Physical Description: Powder



Synonyms: 6a,7b-dihydroxy-7c-methyl-8-(prop-1-en-2-yl)octahydro-3,6-methano-2,4,7-trioxacyclopenta[cd]cyclopropa[a]azulen-5(1H)-one.

[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]

Corianin and coriatin 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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