

Tutin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Tutin

Catalog No.: CFN98289

Cas No.: 2571-22-4

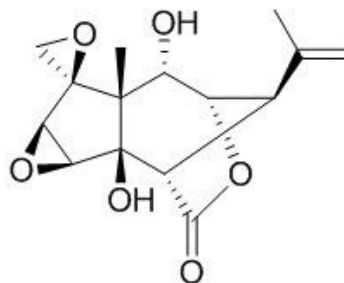
Purity: > 95%

M.F: C₁₅H₁₈O₆

M.W: 294.3

Physical Description: Cryst.

Synonyms: Coriarin.



[Intended Use]

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

[Source]

The barks of *Coriaria myrtifolia*.

[Biological Activity or Inhibitors]

Tutin in honey, is a plant-derived neurotoxin.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.5% Aqueous orthophosphoric acid- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 350 nm.

[Storage]

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

[References]

[1] Fields B A, Reeve J, Bartholomaeus A, *et al. Food Chem. Toxicol.*, 2014, 72:234-41.

[2] Olszewska M. *Acta Chromatogr.*, 2007, 19(19):253-69.

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