

Tomentin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Tomentin

Catalog No.: CFN98347

Cas No.: 28449-62-9

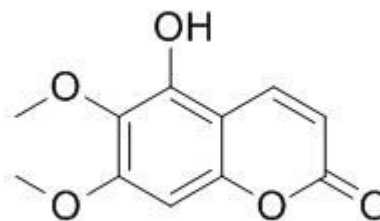
Purity: > 95%

M.F: C₁₁H₁₀O₅

M.W: 222.2

Physical Description: Powder

Synonyms: 5-Hydroxy-6,7-dimethoxy-2H-chromen-2-one; 5-Hydroxy-6,7-dimethoxy-3,4-dihydro-2H-naphthalin-1-on.



[Intended Use]

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

[Source]

The barks of *Jatropha curcas*.

[Biological Activity or Inhibitors]

Tomentin has anti-inflammatory effects, it can inhibit the formation of λ -carrageenan footpad edema at 58%.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: 1.0 % H₃PO₄ in water- Acetonitrile, gradient elution;

Flow rate: 1.2 ml/min;

Column temperature: 25°C;

The wave length of determination: 340 nm.

[Storage]

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

[References]

[1] Pérezhernández J, Gonzálezcortazar M, Marquina S, *et al. Planta Med.*, 2014 Feb; 80(2-3):209-14.

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