

Meranzin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Meranzin

Catalog No.: CFN98249

Cas No.: 23971-42-8

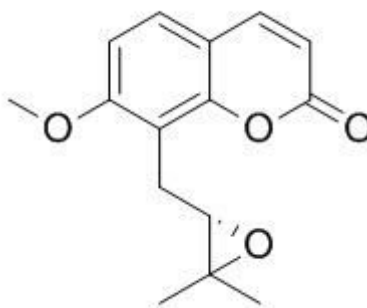
Purity: > 95%

M.F: C₁₅H₁₆O₄

M.W: 260.3

Physical Description: Cryst.

Synonyms: 2H-1-Benzopyran-2-one, 8-[(3,3-dimethyloxiranyl)methyl]-7-methoxy-, (S)-.



[Intended Use]

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

[Source]

The peel of *Citrus maxima*.

[Biological Activity or Inhibitors]

Meranzin exhibits strong anti-inflammatory and analgesic activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 1% Acetic acid in water- Acetonitrile, gradient elution;

Flow rate: 2.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 315 nm.

[Storage]

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

[References]

[1] Wu L H , Liu B. *Chinese Journal of Spectroscopy Laboratory*, 2011, 28(6): 2999-3003.

[2] Teng W Y, Chen C R. *Phytochem. Anal. Pca*, 2005, 16(6): 459-62.

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