

Epigoitrin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Epigoitrin

Catalog No.: CFN99521

Cas No.: 1072-93-1

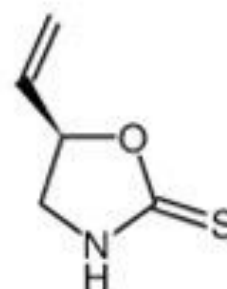
Purity: > 98%

M.F: C₅H₇NOS

M.W: 129.18

Physical Description: Yellow cryst.

Synonyms: (5R)-5-ethenyl-2-oxazolidinethione.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Food research;
6. Ingredient in supplements, beverages;
7. Others.

[Source]

The root of *Strobilanthes cusia* (Nees) Ktze.

[Biological Activity or Inhibitors]

Epigoitrin and fructopyrano-(1→4)-glucopyranose(FG) from the traditional Chinese medicine Isatidis radix, exhibit in vitro cooperation, they have in vitro anti-virus activity.^[1]

[Solvent]

Pyridine, Chloroform, Acetone, Methanol, etc.

[HPLC Method]^[2]

Mobile phase: n-Hexane-Isopropanol=90:10;

Flow rate: 0.8 ml/min;

Column temperature: 20 °C;

The wave length of determination: 245 nm.

[Storage]

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

[References]

[1] Zhang S J, Liu M H, Li H B, *et al. Chinese Journal of New Drugs*, 2013(9).

[2] Nie L, Wang G, Dai Z, *et al. Chinese Journal of Chromatography*, 2010, 28(10):1001-4.

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