

Calycanthoside Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Calycanthoside

Catalog No.: CFN98764

Cas No.: 483-91-0

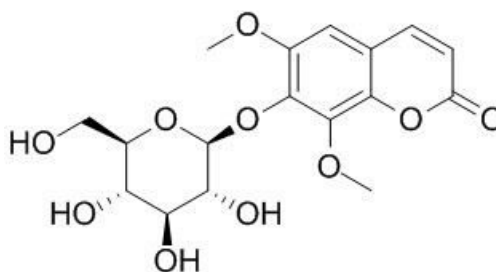
Purity: > 95%

M.F: C₁₇H₂₀O₁₀

M.W: 384.3

Physical Description: Powder

Synonyms: 6,8-Dimethoxy-2-oxo-2H-chromen-7-yl β-D-glucopyranoside; Isofraxidin 7-O-β-D-Glucoside.



[Intended Use]

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

[Source]

The herbs of *Sarcandra glabra*.

[Biological Activity or Inhibitors]

Isofraxidin-7-O-glucoside has the anti-inflammatory effect, it has inhibitory activity on NO production.^[1]

Isofraxidin 7-O- β -D-Glucoside shows antibacterial activity.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: 0.1% Acetic acid in water- 0.1% Acetic acid in methanol,gradient elution ;

Flow rate: 0.5 ml/min;

Column temperature: 26 °C;

The wave length of determination: 344 nm.

[Storage]

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

[References]

[1] Zhang X Y, Li H R. *China Medical Herald*, 2016, 13(13):20-3.

[2] Yuan K, Zhu J X, Shi J P, et al .*Chinese Journal of Pharmaceutical Analysis*,2008, 33(15):1843-6.

[3] Zhu J X, Yuan K, Wang L, et al. *Chinese Journal of Pharmaceutical Analysis*,2008, 28(9):1481-4.

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