

Taxiphyllin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Taxiphyllin

Catalog No.: CFN98070

Cas No.: 21401-21-8

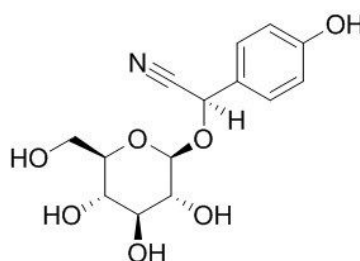
Purity: > 95%

M.F: C₁₄H₁₇NO₇

M.W: 311.3

Physical Description: Powder

Synonyms: (2R)-Taxiphyllin.



[Intended Use]

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

[Source]

The herbs of *Pleioblastus amarus* (Keng) Keng f.

[Biological Activity or Inhibitors]

Taxiphyllin can inhibit tyrosinase activity in vitro significantly and is a potent tyrosinase

inhibitor.^[1]

Taxiphyllin displays mild antibacterial activity against *Staphylococcus aureus*.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Methanol -H₂O=20:80 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Cheng K J, Chen J, Liang G L, *et al. Nat. Prod. Res. Develop.*, 2005, 17(6):733-25.

[2] Oueslati M H, Ben J H, Mighri Z, *et al. J.Nat. Prod.*, 2006, 69(9):1366-9.

[3] Liu J, Nakamura S, Zhuang Y, *et al. Chem. Pharm. Bull.*, 2013, 61(6):655-61.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com