

(+)-Sophoranol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: (+)-Sophoranol

Catalog No.: CFN92840

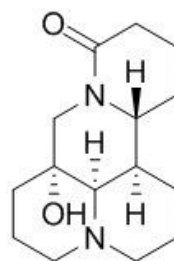
Cas No.: 3411-37-8

Purity: $\geq 95\%$

M.F: C₁₅H₂₄N₂O₂

M.W: 264.36

Physical Description: Cryst.



Synonyms: 1H,5H,10H-dipyrido[2,1-f:3',2',1'-ij][1,6]naphthyridin-10-one, dodecahydro-7a-hydroxy-, (7aR,13aR,13bR,13cR)-; (6xi,7xi,11xi)-5-hydroxymatridin-15-one.

[Intended Use]

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

[Source]

The herbs of *Sophora flavescens*.

[Biological Activity or Inhibitors]

Sophoranol shows antiviral activities against respiratory syncytial virus (RSV).^[1]

[Solvent]

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

[HPLC Method]^[2]

HPCE:

Mobile phase: 50 mM Phosphate buffer (pH 2.5) containing 1% hydroxypropyl-beta-cyclodextrin- 3.3% Isopropanol in water, gradient elution ;

Applied voltage: 25 kV;

Capillary temperature: 25 °C;

The wave length of determination: 220 nm.

[Storage]

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

[References]

[1] Ma S C, Du J, But P P, *et al. J. Ethnopharmacol.*, 2002, 79(79):205-11.

[2] Ding P L, Yu Y D. *Phytochem. Analysis*, 2005, 16(4):257-63.

[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