

## Przewalskin Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** Przewalskin

**Catalog No.:** CFN99306

**Cas No.:** 119400-87-2

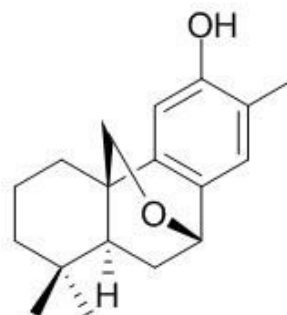
**Purity:** > 95%

**M.F:** C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>

**M.W:** 272.4

**Physical Description:** Powder

**Synonyms:** (5ξ,7β)-13-Methyl-7,17-epoxypodocarpa-8,11,13-trien-12-ol.



### [ Intended Use ]

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

### [ Source ]

The roots of *Salvia miltiorrhiza*.

### [ Biological Activity or Inhibitors ]

Przewalskin A shows modest anti-HIV-1 activity with EC<sub>50</sub> = 41 microg/mL.<sup>[1]</sup>

Przewalskin B exhibits modest anti-HIV-1 activity with  $EC_{50} = 30$  microg/mL.<sup>[2]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[3]</sup>**

Mobile phase: Acetonitrile-H<sub>2</sub>O, gradient elution ;

Flow rate: 0.3 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 270 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Xu G, Hou A J, Wang R R, *et al. Org. Lett.*, 2006 Sep 28; 8(20): 4453-6.

[2] Xu G, Hou A J, Zheng Y T, *et al. Org. Lett.*, 2007 Jan 18; 9(2): 291-3.

[3] Li P, Xu G, Li S P, *et al. J. Agric. Food Chem.*, 2008, 56(4): 1164-71.

## **[ Contact ]**

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