

Platyphyllonol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Platyphyllonol

Catalog No.: CFN98644

Cas No.: 41137-85-3

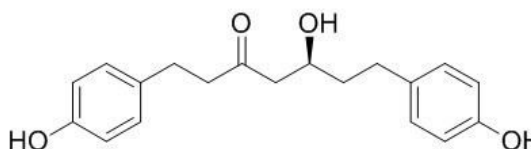
Purity: > 95%

M.F: C₁₉H₂₂O₄

M.W: 314.38

Physical Description: Powder

Synonyms: (5S)-5-Hydroxy-1,7-bis(4-hydroxyphenyl)-3-heptanone.



[Intended Use]

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

[Source]

The stem bark of *Alnus hirsuta*.

[Biological Activity or Inhibitors]

Platyphyllonol-5-xylopyranoside is moderately active against KBNP-0028 (H9N2) avian

influenza virus as compared with zanamivir.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 4.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Tung N H, Kwon H J, Kim J H, *et al. Bioorg. Med. Chem. Lett.* , 2010, 20(3):1000-3.

[2] Novaković M, Pešić M, Trifunović S, *et al. Phytochemistry*, 2014, 97(1):46-54.

[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