

Panaxydiol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Panaxydiol

Catalog No.: CFN92798

Cas No.: 708257-91-4

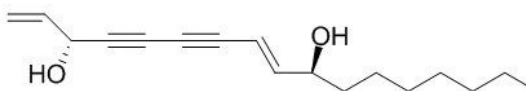
Purity: > 95%

M.F: C₁₇H₂₄O₂

M.W: 260.4

Physical Description: Oil

Synonyms: (3R,10S)-1,8-Heptadecadiene-4,6-diyne-3,10-diol.



[Intended Use]

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

[Source]

The roots of *Panax ginseng* C. A. Mey.

[Biological Activity or Inhibitors]

Panaxydiol can inhibit rat liver cholesterol acyltransferase (ACAT) with IC₅₀ values of 45

microM.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 205 nm.

[Storage]

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

[References]

[1] Kwon B M, Ro S H, Kim M K, *et al. Planta Med.*, 1997, 63(6):552-3.

[2] Zidorn C, Jöhrer K, Ganzera M, *et al. J. Agr. Food Chem.*, 2005, 53(7):2518-23.

[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