

9,17-Octadecadiene-12,14-diyne-1,11,16-triol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 9,17-Octadecadiene-12,14-diyne-1,11,16-triol

Catalog No.: CFN98061

Cas No.: 211238-60-7

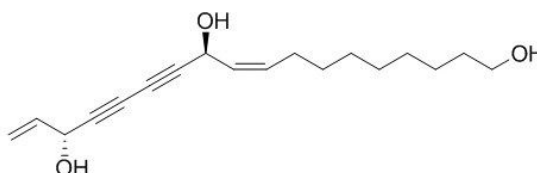
Purity: > 95%

M.F: C₁₈H₂₆O₃

M.W: 290.4

Physical Description: Oil

Synonyms: Octadeca-9,17-dien-12,14-diyne-1,11,16-triol.



[Intended Use]

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

[Source]

The herbs of *Heracleum candicans*.

[Biological Activity or Inhibitors]

(+)-9(Z),17-Octadecadiene-12,14-diyne-1,11,16-triol shows antibacterial activity against

Bacillus subtilis and Pseudomonas fluorescens, antifungal activity against Cladosporium cucumerinum, molluscicidal activity against Biomphalaria glabrata at low concentrations, and in addition it possesses haemolytic activity.^[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: 30°C;

The wave length of determination: 208 nm.

[Storage]

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

[References]

[1] Papajewski S, Guse J H, Klaiber I, *et al. Planta Med.*, 1998 Jun; 64(5): 479-81.

[2] Sun S, Du G J, Qi L W, *et al. J. Ethnopharmacol.*, 2010, 132(1): 280-5.

[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