

cis-Miyabenol C Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: cis-Miyabenol C

Catalog No.: CFN92387

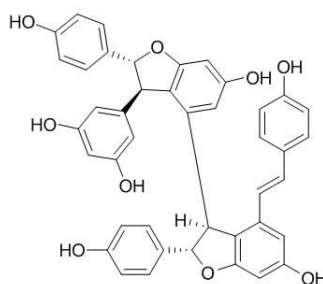
Cas No.: 168037-22-7

Purity: > 95%

M.F: C₄₂H₃₂O₉

M.W: 680.7

Physical Description: Powder



Synonyms:[3,4'-Bibenzofuran]-6,6'-diol,3'-(3,5-dihydroxyphenyl)-2,2',3,3'-tetrahydro-2,2'-bis(4-hydroxyphenyl)-4-[(1Z)-2-(4-hydroxyphenyl)ethenyl]-, (2S,2'R,3S,3'R)-.

[Intended Use]

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

[Source]

The herbs of *Vitis vinifera*.

[Biological Activity or Inhibitors]

cis-Miyabenol C exhibits antioxidative activities and shows strong hyaluronidase inhibitory effects.^[1]

cis-Miyabenol C has ecdysteroid antagonist activity.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: 0.1% Acetic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 310 nm.

[Storage]

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

[References]

[1] Ono M, Masuoka C, Ito Y, *et al. Food Sci. Technol. Res.*, 1997, 3(1):53-5.

[2] Meng Y, Bourne P C, Whiting P, *et al. Phytochemistry*, 2001, 57(3):393-400.

[3] Vrhovsek U, Malacarne G, Masuero D, *et al. L Enologo*, 2013, 49:85-94.

[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