

Pallidol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Pallidol

Catalog No.: CFN92341

Cas No.: 105037-88-5

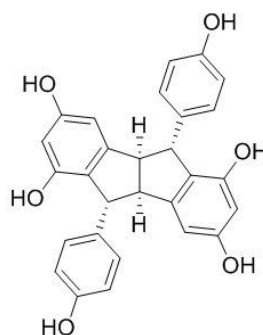
Purity: > 98%

M.F: C₂₈H₂₂O₆

M.W: 454.5

Physical Description: Powder

Synonyms: Indeno[2,1-a]indene-1,3,6,8-tetrol, 4b,5,9b,10-tetrahydro-5,10-bis(4-hydroxyphenyl)-, (4ba,5a,9ba,10a)-(-)-; (-)-Pallidol.



[Intended Use]

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

[Source]

The herbs of *Cissus pallida*.

[Biological Activity or Inhibitors]

Pallidol is a naturally occurring resveratrol dimer from red wine with antioxidant and antifungal activities, it is a potent and selective singlet oxygen quencher in aqueous systems, It may be used in singlet oxygen-mediated diseases as a pharmacological agent, which may contribute to the health beneficial effects of red wine.^[1]

Pallidol is not cytotoxic, but it can inhibit growth of the human colon cancer cells. ^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: 1M Acetic acid- 20% 1M Acetic acid in acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 306 nm.

[Storage]

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

[References]

[1] He S, Jiang L, Wu B, *et al. Biochem. Bioph. Res. Co.*, 2009, 379(2):283-7.

[2] Gonzálezsarriás A, Gromek S, Niesen D, *et al. J. Agr. Food Chem.*, 2011, 59(16): 8632-8.

[3] Mao Q Y. *Digital.library.adelaide.edu.au*.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,

Email: info@chemfaces.com

Tel: +86-27-84237783

Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com