

Palustrol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Palustrol

Catalog No.: CFN97010

Cas No.: 5986-49-2

Purity: > 98%

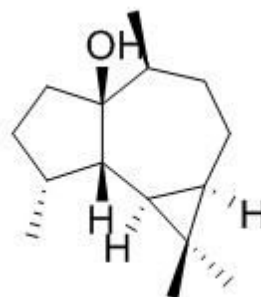
M.F: C₁₅H₂₆O

M.W: 222.4

Physical Description: Powder

Synonyms:

1,1,4,7-Tetramethyl-2,3,4,5,6,7,7a,7b-octahydro-1aH-cyclopropa[h]azulen-4a-ol.



[Intended Use]

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

[Source]

The herbs of *Eucalyptus dives*

[Biological Activity or Inhibitors]

Palustrol is one of volatiles from oil or extract of *M.gale*, exhibits acaricidal, insecticidal, 'pesticidal' and/or arthropod repellent properties, may be useful sources of chemicals for the control of arthropods of medical, veterinary or agricultural importance .^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O- Acetic acid=30:70 :0.2;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 340 nm.

[Storage]

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

[References]

[1] Jaenson T G T, K Pålsson, Borg-Karlson A K. *Med. Vet. Entomol.*, 2005, 19(19): 345-52.

[2] Lu W H, Yu X M , Ma Y L, *China Wild Plant Resources*, 2005, 24 (5): 62-4.

[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