

3-Geranyl-4-methoxybenzoic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 3-Geranyl-4-methoxybenzoic acid

Catalog No.: CFN98266

Cas No.: 246266-38-6

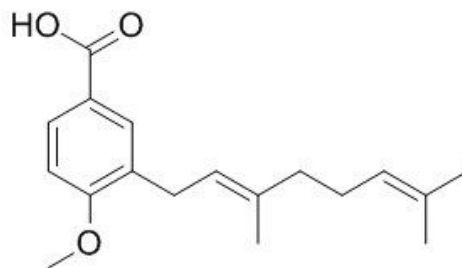
Purity: > 95%

M.F: C₁₈H₂₄O₃

M.W: 288.4

Physical Description: Powder

Synonyms: 3-(3,7-Dimethyl-2,6-octadienyl)-4-methoxybenzoic acid.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

[Source]

The herb of *Piper aduncum*.

[Biological Activity or Inhibitors]

3-Geranyl-4-hydroxybenzoic acid exhibits stronger inhibition effect on the activation of hyaluronidase than that of tranilast. ^[1]

3-Geranyl-4-hydroxy-5-(3'-methyl-2'-butenyl)benzoic acid, isolated from *Myrsine seguinii*, has anti-inflammatory activity.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile- 0.1% Acetic acid H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 270 nm.

[Storage]

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

[References]

[1] Masuoka C, Ono M, Ito Y, *et al. Food Sci. Technol. Int. Tokyo*, 2003, 9(4):197-201.

[2] Dong M, Nagaoka M, Miyazaki S, *et al. Biosci. Biotechnol. Biochem.*, 2014, 63(9): 1650-3.

[3] Morandim A D A, Kato M J, Cavaleiro A J, *et al. Afr. J. Biotechnol.*, 2009, 8(10): 2157-62.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

China

Tech Support: service@chemfaces.com