

Macrocarpal A Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Macrocarpal A

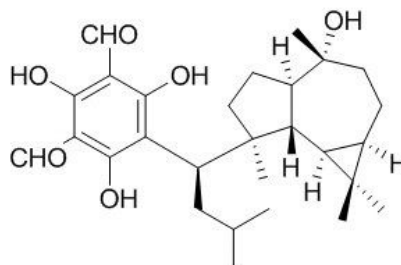
Catalog No.: CFN99413

Cas No.: 132951-90-7

Purity: >95%

M.F: C₂₈H₄₀O₆

M.W: 472.6



Physical Description: Yellow powder

Synonyms: 2,4,6-Trihydroxy-5-[(1R)-1-[(1aβ,4R,4aβ,7aα,7bβ)-1,1,4,7-tetramethyl-4β-hydroxydecahydro-1H-cyclopropa[e]azulene-7α-yl]-3-methylbutyl]isophthalaldehyde.

[Intended Use]

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

[Source]

The branch of *Eucalyptus globulus*.

[Biological Activity or Inhibitors]

Macrocarpal A, isolated from the leaves of *Eucalyptus macrocarpa*, is a novel antibacterial compound.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O- Acetonitrile=85:13:2 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 275 nm.

[Storage]

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

[References]

[1] Murata M, Yamakoshi Y, Homma S, *et al. Agr. Biol. Chem.*, 1990, 54(12):3221-6.

[2] Singh Pal I, Etoh H. *Biosci. Biotech. Biochem.*, 1995, 59(12):2330-2.

[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