[Product Information]

Name: Macrocarpal A
Catalog No.: CFN99413
Cas No.: 132951-90-7
Purity: >95%
M.F: C_{28}H_{40}O_{6}
M.W: 472.6
Physical Description: Yellow powder
Synonyms: 2,4,6-Trihydroxy-5-[(1R)-1-[(1αβ,4R,4αβ,7αα,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℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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