Macrocarpal C Datasheet

[ Product Information ]

Name: Macrocarpal C
Catalog No.: CFN99469
Cas No.: 142628-53-3
Purity: > 95%
M.F: C_{28}H_{38}O_{5}
M.W: 454.60

Physical Description: Yellow powder

Synonyms: 2,4,6-trihydroxy-5-{(1R)-3-methyl-1-[(1aR,4aR,7S,7aR,7bR)-1,1,7-trimethyl-4-methylidenedecahydro-1H-cyclopropa[e]azulen-7-yl]butyl}benzene-1,3-dicarbaldehyde.

[ 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 C, isolated from the fresh leaves of Eucalyptus globulus Labill. (Lan An) and identified as its major antifungal component by bioassay-guided purification, the antifungal action of macrocarpal C was associated with increases of membrane permeability, intracellular ROS and DNA fragmentation. [1]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ]
Not data available.

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

[ References ]

[ Contact ]
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