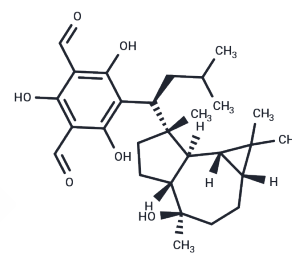


Macrocarpal B

Chemical Properties

CAS No. :	142698-60-0
Formula:	C ₂₈ H ₄₀ O ₆
Molecular Weight:	472.61
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Macrocarpal B is an antibacterial substance isolated from the twigs of Eucalyptus globulus, with potential value in periodontal disease research.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1159 mL	10.5795 mL	21.1591 mL
5 mM	0.4232 mL	2.1159 mL	4.2318 mL
10 mM	0.2116 mL	1.058 mL	2.1159 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yamakoshi Y, et al. Isolation and characterization of macrocarpals B--G antibacterial compounds from Eucalyptus macrocarpa. Biosci Biotechnol Biochem. 1992 Oct;56(10):1570-6.

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