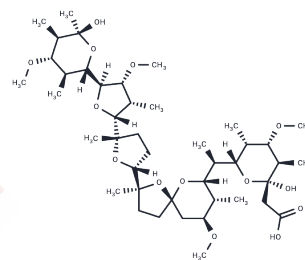


Lonomycin C

Chemical Properties

CAS No. :	68537-50-8
Formula:	C43H74O14
Molecular Weight:	815.04
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	Lonomycin C is a demethyl derivative of lonomycin A or B.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2269 mL	6.1347 mL	12.2693 mL
5 mM	0.2454 mL	1.2269 mL	2.4539 mL
10 mM	0.1227 mL	0.6135 mL	1.2269 mL
50 mM	0.0245 mL	0.1227 mL	0.2454 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

Mizutani T, Yamagishi M, Hara H, Omura S, Ozeki M, Mizoue K, Seto H, Otake N. Lonomycins B and C, two new components of polyether antibiotics. Fermentation, isolation and characterization. J Antibiot (Tokyo). 1980 Nov;33 (11):1224-30. PubMed PMID: 6894745.

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