Data Sheet (Cat.No.T25039)

TargetMol

Aldgamycin G

Chemical Properties

CAS No. : 107745-56-2

Formula: C37H56O15

Molecular Weight: 740.83

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	Aldgamycin G is a Macrolide antibiotic against Gram-positive bacteria isolated from Streptomyces avidinii.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3498 mL	6.7492 mL	13.4984 mL
5 mM	0.270 mL	1.3498 mL	2.6997 mL
10 mM	0.135 mL	0.6749 mL	1.3498 mL
50 mM	0.027 mL	0.135 mL	0.270 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

Mizobuchi S, Mochizuki J, Soga H, Tanba H, Inoue H. Aldgamycin G, a new macrolide antibiotic. J Antibiot (Tokyo). 1986 Dec;39(12):1776-8. PubMed PMID: 3818451.

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