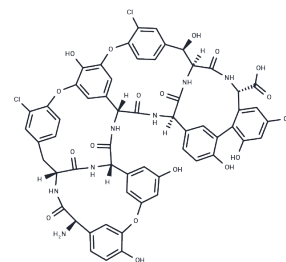


Teicoplanin aglycone

Chemical Properties

CAS No. :	89139-42-4
Formula:	C ₅₈ H ₄₅ Cl ₂ N ₇ O ₁₈
Molecular Weight:	1198.93
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Teicoplanin aglycone is an antibacterial glycopeptide antibiotic used in the prophylaxis and treatment of serious infections caused by Gram-positive bacteria, including <i>Enterococcus faecalis</i> and methicillin-resistant <i>Staphylococcus aureus</i> .
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8341 mL	4.1704 mL	8.3408 mL
5 mM	0.1668 mL	0.8341 mL	1.6682 mL
10 mM	0.0834 mL	0.417 mL	0.8341 mL
50 mM	0.0167 mL	0.0834 mL	0.1668 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.

Reference

Gonnella NC, Grinberg N, Mcloughlin M, Choudhary O, Fandrick K, Ma S. Three-dimensional structure of cyclic antibiotic teicoplanin aglycone using NMR distance and dihedral angle restraints in a DMSO solvation model.

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