

Product Datasheet

Teicoplanin aglycone (orb1986999)

Catalog Number	orb1986999
Category	Small Molecules
Description	Teicoplanin aglycone is a glycopeptide antibiotic core structure employed in research to combat Gram-positive bacterial infections, including those from MRSA and Enterococcus faecalis. It is a key tool for in vitro and in vivo studies investigating antibiotic mechanisms, resistance, and the development of novel antibacterial agents.
Target	Others
MW	1198.93
CAS Number	89139-42-4
Formula	$C_{58}H_{45}Cl_2N_7O_{18}$
SMILES	<chem>[H][C@@]12Cc3ccc(Oc4cc5cc(Oc6ccc(cc6Cl)[C@@H](O)[C@]6([H])NC(=O)[C@]([H])(NC(=O)[C@]5([H])NC(=O)[C@@]([H])(NC1=O)c1cc(O)cc(Oc5cc(ccc5O)[C@@H](N)C(=O)N2)c1)c1ccc(O)c(c1)-c1c(O)cc(O)cc1[C@H](NC6=O)C(O)=O)c4O)c(Cl)c3</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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