

Product Datasheet

Arylomycin B2 (orb2943041)

Catalog Number	orb2943041
Category	Small Molecules
Description	Arylomycin B2 is a small-molecule antibiotic that potently inhibits signal peptidase I (SPase I), primarily targeting Gram-positive bacteria. It serves as a valuable research tool for studying bacterial secretion and developing novel antibiotics in both in vitro and in vivo experimental models.
Target	Antibiotic,Antibacterial
MW	869.957
CAS Number	459844-25-8
Formula	C ₄₂ H ₅₉ N ₇ O ₁₃
SMILES	<chem>OC1=C2C=3C=C(C(N(C(CNC([C@H](NC([C@H](N(C(CCCCCCCCC(C)C)=O)C)CO)=O)C)=O)=O)C)C(=O)N[C@@H](C)C(=O)NC(C(O)=O)CC(=C2)C=C1N(=O)=O)C=CC3O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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