

Product Datasheet

SPR741 (orb1984072)

Catalog Number	orb1984072
Category	Proteins
Description	SPR741 (formerly NAB741) is a cationic peptide potentiator derived from polymyxin B. It is being developed to enhance the efficacy of existing antibiotics against serious Gram-negative bacterial infections. Research demonstrates its ability to potentiate antibiotics in both in vitro assays and in vivo infection models.
Target	Antibacterial, Antibiotic
MW	992.13
CAS Number	1179330-52-9
Formula	C ₄₄ H ₇₃ N ₁₃ O ₁₃
SMILES	<chem>C([C@@H]1C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](CCN)C(=O)N[C@@H](CCN)C(=O)N[C@@H]([C@@H](C)O)(C(=O)NCC[C@@H](NC([C@@H](NC([C@@H](NC(C)=O)[C@@H](C)O)=O)CO)=O)C(=O)N[C@@H](CCN)C(=O)N1)[H])C2=CC=CC=C2</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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