

Product Datasheet

rel-Avibactam sodium (orb3174633)

Catalog Number	orb3174633
Category	Small Molecules
Description	rel-Avibactam (NXL-104) sodium is a β -lactamase inhibitor with broad-spectrum antibacterial activity. When combined with Ceftazidime, rel-Avibactam sodium exhibits significant inhibitory effects on Enterobacteriaceae producing Ambler class A and C β -lactamases. Its IC50 values are significantly lower than those of commonly used β -lactamase inhibitors like Clavulanic acid and Ticarcillin, demonstrating high efficacy against TEM-1 and P99 enzymes.
Target	Antibacterial
MW	289.24
CAS Number	1383814-68-3
Formula	$C_7H_{12}N_3NaO_6S$
SMILES	<chem>C(N)(=O)[C@@H]1[N@]2C(=O)N(OS(=O)(=O)O)[C@](C2)(CC1)[H].[Na]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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