

Product Datasheet

Relebactam (orb1303301)

Catalog Number	orb1303301
Category	Small Molecules
Description	Relebactam (MK-7655) is a diazabicyclooctane β -lactamase inhibitor used in research to restore the efficacy of β -lactam antibiotics. It is applied in both in vitro and in vivo studies to combat multidrug-resistant bacterial infections, particularly those involving class A and C enzymes.
Target	Antibacterial
Purity	97.38% (May vary between batches)
MW	348.38
Target Areas	Antibacterial
Solubility (25°C)	H2O:50 mg/mL (143.52 mM);DMSO:50 mg/mL (143.52 mM)
CAS Number	1174018-99-5
Formula	$C_{12}H_{20}N_4O_6S$
SMILES	<chem>OS(=O)(=O)ON1[C@H]2CN([C@@H](CC2)C(=O)NC2CCNCC2)C1=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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