

Product Datasheet

Antibacterial agent 236 (orb2665568)

Catalog Number	orb2665568
Category	Small Molecules
Description	Compound 4I (Anti-bacterial agent 236) is a potent, orally bioavailable dual inhibitor of DNA gyrase and topoisomerase IV in Staphylococcus aureus. It shows broad-spectrum antibacterial activity in vitro and favorable pharmacokinetics in murine models, supporting its utility for researching novel antibiotics.
Target	Topoisomerase,Antibacterial
MW	473.59
CAS Number	2364479-10-5
Formula	C ₂₆ H ₂₇ N ₅ O ₂ S
SMILES	<chem>N#CC=1C=CC=2C=CC(=O)N(C2C1)CCN3CCC(NCC4=CC=C5SCC(=O)NC5=C4)CC3</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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