

Product Datasheet

Antibacterial agent 169 (orb2567019)

Catalog Number	orb2567019
Category	Small Molecules
Description	Antibacterial agent 169 (Compound 28) is a pyrrolamide-based dual inhibitor targeting the GyrB and ParE subunits of DNA gyrase and topoisomerase IV in <i>Staphylococcus aureus</i> , with IC ₅₀ values of 49 nM and 1.513 μM, respectively. This compound serves as a valuable research tool for studying bacterial topoisomerases and exploring novel antibacterial mechanisms in vitro.
Target	Antibacterial
MW	442.34
CAS Number	2879255-03-3
Formula	C ₁₉ H ₂₅ Cl ₂ N ₅ O ₃
SMILES	O(C)[C@H]1CN(CC[C@H]1NC(=O)C2=C(Cl)C(Cl)=C(C)N2)C3=CC=C(C(C)(C)O)N=N3
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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