

Product Datasheet

Antibacterial agent 221 (orb2646066)

Catalog Number	orb2646066
Category	Small Molecules
Description	Antibacterialagent 221 (3k) is a small molecule compound active against methicillin-resistant Staphylococcus aureus (MRSA). It demonstrates cytotoxic effects on human LO2 and HepG2 cell lines, making it a candidate for investigating novel anti-MRSA agents and their therapeutic potential in preclinical models.
Target	Antibiotic,Antibacterial
MW	435.44
CAS Number	3034402-33-7
Formula	C ₂₅ H ₂₀ F ₃ N ₃ O
SMILES	O=C(NC1=CC=C(C=C1)C2NCCC=3C=4C=CC=CC4NC32)C5=CC=C(C=C5)C(F)(F)F
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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