

Product Datasheet

trans-Cephalosporin (orb1688203)

Catalog Number	orb1688203
Category	Small Molecules
Description	This trans-substituted cephalosporin compound potently inhibits the NDM-1 metallo- β -lactamase with an IC ₅₀ of 0.13 μ M. It serves as a valuable biochemical tool for studying antibiotic resistance mechanisms and for in vitro evaluation of combination therapies against carbapenem-resistant bacterial pathogens.
Target	Others,Antibacterial
MW	394.49
CAS Number	2757462-75-0
Formula	C ₁₆ H ₁₄ N ₂ O ₄ S ₃
SMILES	<chem>C(O)(=O)C=1N2[C@@]([C@@H](OC)C2=O)(SCC1CSC3=NC=4C(S3)=CC=CC4)[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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