

Product Datasheet

7-Aminocephalosporanic acid (orb1310098)

Catalog Number	orb1310098
Category	Small Molecules
Description	7-Aminocephalosporanic acid (7-ACA) is a key chemical scaffold for synthesizing cephalosporin antibiotics. It also functions as an HSP90 β inhibitor, making it a valuable small molecule for biochemical research in studying chaperone protein function in vitro.
Target	Antibiotic,HSP,Antibacterial
Purity	91.05% (May vary between batches)
MW	272.28
Target Areas	HSP Antibiotic Antibacterial
Solubility (25°C)	H2O:Insoluble;DMSO:2.73 mg/mL (10.03 mM)
CAS Number	957-68-6
Formula	C ₁₀ H ₁₂ N ₂ O ₅ S
SMILES	<chem>C(O)(=O)C=1N2[C@@]([C@H](N)C2=O)(SCC1COC(C)=O)[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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