

Product Datasheet

7-Aminocephalosporanic acid (orb1223520)

Catalog Number	orb1223520
Category	Small Molecules
Description	7-Aminocephalosporanic acid is used for synthesis of cephalosporin antibiotics and intermediates.
Target	Others
Purity	>98% (HPLC)
MW	272.28
Solubility (25°C)	DMSO: 1 mg/mL (3.67 mM)
CAS Number	957-68-6
Formula	C ₁₀ H ₁₂ N ₂ O ₅ S
SMILES	<chem>O=C(C(N12)=C(COC(C)=O)CS[C@]2([H])[C@H](N)C1=O)O</chem>
Chemical Name	(6R,7R)-3-(Acetyloxymethyl)-7-amino-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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