

## Product Datasheet

# 7-Aminodeacetoxycephalosporanic acid (orb1308839)

<b>Catalog Number</b>	orb1308839
<b>Category</b>	Small Molecules
<b>Description</b>	7-Aminodeacetoxycephalosporanic acid, also known as Cefalexin EP Impurity B, is a key chemical intermediate used in pharmaceutical research. It is primarily studied for its role in the synthesis and analytical profiling of beta-lactam antibiotics, supporting both in vitro and in vivo research on antibiotic development and quality control.
<b>Target</b>	Antibiotic,Others
<b>Purity</b>	99.63% (May vary between batches)
<b>MW</b>	214.24
<b>Target Areas</b>	Antibiotic Others
<b>Solubility (25°C)</b>	H2O:10 mM;DMSO:Insoluble
<b>CAS Number</b>	22252-43-3
<b>Formula</b>	$C_8H_{10}N_2O_3S$
<b>SMILES</b>	<chem>CC1=C(N2[C@H](SC1)[C@@H](N)C2=O)C(O)=O</chem>
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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