

Product Datasheet

Sulbactam sodium (orb1300556)

Catalog Number	orb1300556
Category	Small Molecules
Description	Sulbactam sodium (CP-45899-2) is an irreversible β -lactamase inhibitor used to restore the efficacy of β -lactam antibiotics against resistant bacteria. It is widely applied in microbiological research for both in vitro susceptibility testing and in vivo infection model studies.
Target	Antibiotic, Antibacterial
Purity	99.83% (May vary between batches)
MW	255.22
Target Areas	Antibiotic Antibacterial
Solubility (25°C)	DMSO:3 mg/mL (11.75 mM);H ₂ O:47 mg/mL (184.15 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.92 mM);Ethanol: 1 mg/mL (insoluble or slightly soluble)
CAS Number	69388-84-7
Formula	C ₈ H ₁₀ NO ₅ S·Na
SMILES	[Na+].[H][C@@]12CC(=O)N1[C@@]([H])(C([O-])=O)C(C)(C)S2(=O)=O
Storage	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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