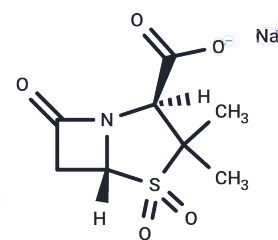


Sulbactam sodium

Chemical Properties

CAS No. :	69388-84-7
Formula:	C ₈ H ₁₀ NO ₅ S·Na
Molecular Weight:	255.22
Appearance:	no data available
Storage:	store at low temperature
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sulbactam sodium (CP-45899-2) (Unasyn) is an irreversible β -lactamase inhibitor.
Targets(IC ₅₀)	Antibacterial,Antibiotic

Solubility Information

Solubility	H ₂ O: 47 mg/mL (184.15 mM),Sonication is recommended. DMSO: 3 mg/mL (11.75 mM),Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9182 mL	19.5909 mL	39.1819 mL
5 mM	0.7836 mL	3.9182 mL	7.8364 mL
10 mM	0.3918 mL	1.9591 mL	3.9182 mL
50 mM	0.0784 mL	0.3918 mL	0.7836 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Ogihara S, et al. J Infect Chemother. 2016 Apr 16. pii: S1341-321X(16)30031-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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