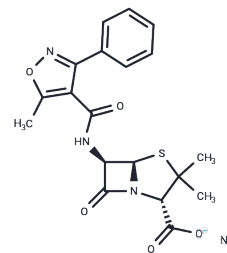


Oxacillin sodium salt

Chemical Properties

CAS No. :	1173-88-2
Formula:	C ₁₉ H ₁₈ N ₃ NaO ₅ S
Molecular Weight:	423.43
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Oxacillin sodium salt (Oxabel) is an antibiotic similar to FLUCLOXACILLIN used in resistant staphylococci infections.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 60 mg/mL (141.7 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3617 mL	11.8083 mL	23.6167 mL
5 mM	0.4723 mL	2.3617 mL	4.7233 mL
10 mM	0.2362 mL	1.1808 mL	2.3617 mL
50 mM	0.0472 mL	0.2362 mL	0.4723 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

Woods GL, Yam P. Antimicrob Agents ChemOthers. 1988 Nov;32(11):1614-8.
Grosso R, Nguyen V, Ahmed S K, et al.Novel Epigallocatechin Gallate (EGCG) Analogs with Improved Biochemical Properties for Targeting Extracellular and Intracellular Staphylococcus aureus.Applied Microbiology.2024, 4(4): 1568-1581.

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