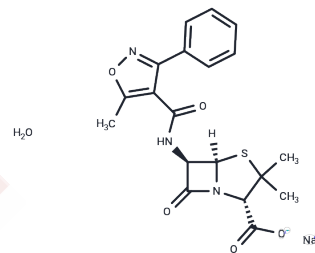


Oxacillin sodium monohydrate

Chemical Properties

CAS No. :	7240-38-2
Formula:	C ₁₉ H ₁₈ N ₃ O ₅ S·Na·H ₂ O
Molecular Weight:	441.43
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Oxacillin sodium monohydrate (Stapenor monohydrate) is an antibacterial agent and is a narrow spectrum beta-lactam antibiotic of the penicillin class.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	H ₂ O: 100 mg/mL (226.54 mM),Sonication is recommended. DMSO: 40 mg/mL (90.61 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	2.2654 mL	11.3268 mL	22.6536 mL
5 mM	0.4531 mL	2.2654 mL	4.5307 mL
10 mM	0.2265 mL	1.1327 mL	2.2654 mL
50 mM	0.0453 mL	0.2265 mL	0.4531 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

Ehinger AM, Kietzmann M.J Vet Med A Physiol Pathol Clin Med. 2000 Apr;47(3):157-68.

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