



LKT Laboratories, Inc.

Oxacillin Sodium Monohydrate

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Product Information

Product ID O9302

CAS No. 7240-38-2

Chemical Name (2S,5R,6R)-3,3-Dimethyl-6-[[[(5-methyl-3-phenyl-4-isoxazolyl)carbonyl]amino]-7-oxo-4-thia-1-aza-bicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt

Synonym Penicillin P-12, Bactocill, Bristopen, Cryptocillin, Micropenin

Formula C₁₉H₁₈N₃NaO₅S • H₂O

Formula Wt. 441.44

Melting Point 188° C

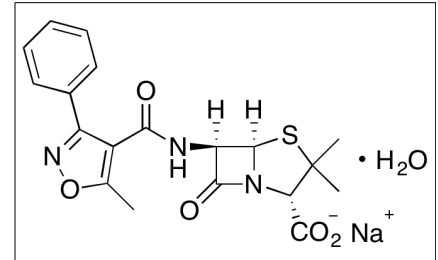
Purity ≥98%

Solubility Solubl in water.

Store Temp Ambient

Ship Temp Ambient

Description Oxacillin is a β-lactam antibiotic that exhibits antibacterial efficacy against some strains of methicillin-resistant or vancomycin-resistant *Staphylococcus aureus*.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
O9302	1 g	\$31.30
O9302	5 g	\$72.50
O9302	25 g	\$287.60

References Werth BJ, Vidailiac C, Murray KP, et al. Novel combinations of vancomycin plus ceftaroline or oxacillin against methicillin-resistant vancomycin-intermediate *Staphylococcus aureus* (VISA) and heterogeneous VISA. *Antimicrob Agents Chemother.* 2013 May;57(5):2376-9. PMID: 23422917.

Chung M, Antignac A, Kim C, et al. Comparative study of the susceptibilities of major epidemic clones of methicillin-resistant *Staphylococcus aureus* to oxacillin and to the new broad-spectrum cephalosporin ceftobiprole. *Antimicrob Agents Chemother.* 2008 Aug;52(8):2709-17. PMID: 18505853.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.