



LKT Laboratories, Inc.

Cefotaxime Sodium

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Product Information

Product ID C1633

CAS No. 64485-93-4

Chemical Name (6R,7R)-3-[(Acetyloxy)methyl]-7-[[[(2Z)-(2-amino-4-thiazolyl)(methoxyimino)-acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt

Synonym Cefotaxim sodium salt, Cefotax, Claforan, Pretor, Tolycar

Formula C₁₆H₁₆N₅O₇S₂Na

Formula Wt. 477.45

Melting Point 162-163 °C (dec)

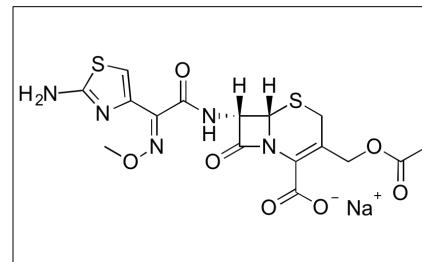
Purity ≥96%

Solubility Soluble in water.

Store Temp 4°C

Ship Temp Ambient

Description Cefotaxime is a third generation β-lactam cephalosporin antibiotic. Cefotaxime exhibits antibacterial efficacy against gram positive and gram negative bacteria, inhibiting penicillin binding proteins to prevent peptidoglycan synthesis and bacterial cell wall formation. Cefotaxime is also mostly resistant to β-lactamase activity. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C1633	500 mg	\$82.40
C1633	1 g	\$134.80
C1633	5 g	\$479.40

References Philpott-Howard J, Williams JD. Activity of cephalosporin antibiotics against Haemophilus influenzae. Scand J Infect Dis Suppl. 1983;39:109-11. PMID: 6606223.

LeFrock JL, Prince RA, Leff RD. Mechanism of action, antimicrobial activity, pharmacology, adverse effects, and clinical efficacy of cefotaxime. Pharmacotherapy. 1982 Jul-Aug;2(4):174-84. PMID: 6302641.

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