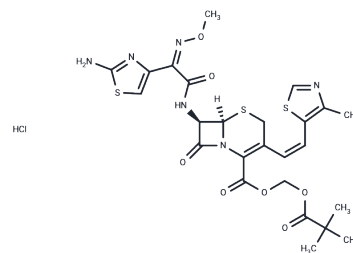


Cefditoren Pivoxil HCl

Chemical Properties

CAS No. :	1448435-17-3
Formula:	C ₂₅ H ₂₉ ClN ₆ O ₇ S ₃
Molecular Weight:	657.172
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cefditoren Pivoxil is a semi-synthetic, broad-spectrum, beta-lactamase resistant, third-generation cephalosporin antibiotic with bactericidal activity. Cefditoren pivoxil is a prodrug that is rapidly hydrolyzed by intestinal esterases during absorption to the microbiologically active cefditoren, an active aminothiazolyl cephalosporin. Cefditoren inactivates penicillin binding proteins (PBPs) thereby interfering with peptidoglycan synthesis and inhibiting bacterial cell wall synthesis.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5217 mL	7.6084 mL	15.2168 mL
5 mM	0.3043 mL	1.5217 mL	3.0434 mL
10 mM	0.1522 mL	0.7608 mL	1.5217 mL
50 mM	0.0304 mL	0.1522 mL	0.3043 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.

Inhibitor • Natural Compounds • Compound Libraries • Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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