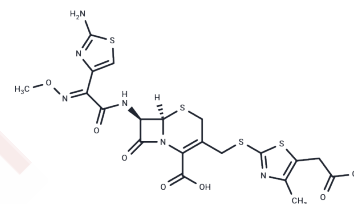


## (E)-Cefodizime

## Chemical Properties

CAS No. :	97180-26-2
Formula:	C <sub>20</sub> H <sub>20</sub> N <sub>6</sub> O <sub>7</sub> S <sub>4</sub>
Molecular Weight:	584.669
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(E)-Cefodizime ((E)-THR-221) is an antibiotic that selectively binds to penicillin-binding proteins (PBPs), inhibiting bacterial cell wall synthesis, which results in its antibacterial activity. It holds potential for research into various bacterial infections, including the prevention of preoperative infections.
Targets(IC50)	Antibacterial, Antibiotic, Penicillin-binding protein (PBP)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7104 mL	8.5518 mL	17.1037 mL
5 mM	0.3421 mL	1.7104 mL	3.4207 mL
10 mM	0.171 mL	0.8552 mL	1.7104 mL
50 mM	0.0342 mL	0.171 mL	0.3421 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481