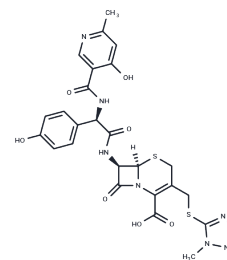


## Cefpiramide acid

## Chemical Properties

CAS No. :	70797-11-4
Formula:	C <sub>25</sub> H <sub>24</sub> N <sub>8</sub> O <sub>7</sub> S <sub>2</sub>
Molecular Weight:	612.64
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	Cefpiramide acid (Cefpiramidum) is a third-generation cephalosporin antibiotic.
Targets(IC50)	Antibacterial, Antibiotic

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (44.89 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6323 mL	8.1614 mL	16.3228 mL
5 mM	0.3265 mL	1.6323 mL	3.2646 mL
10 mM	0.1632 mL	0.8161 mL	1.6323 mL
50 mM	0.0326 mL	0.1632 mL	0.3265 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.

## Reference

Fass RJ, Helsel VL. *Diagn Microbiol Infect Dis.* 1986 Jan;4(1):77-81.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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