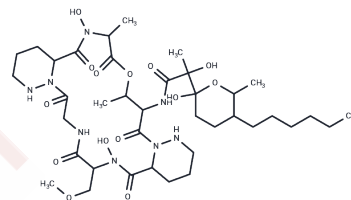


## Diperamycin

## Chemical Properties

CAS No. :	220766-06-3
Formula:	C <sub>38</sub> H <sub>64</sub> N <sub>8</sub> O <sub>14</sub>
Molecular Weight:	856.96
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	Diperamycin demonstrates activity against Gram-positive bacteria, including Enterococci and MRSA, with MIC ranging from 0.10 to 0.20 µg/mL. It also strongly inhibits the activity of cell lines L1210, P388, LS-180, KB, HeLaS3, Meth A, and B16-BL6, with IC50 values between 0.009 and 0.098 µg/mL.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1669 mL	5.8346 mL	11.6692 mL
5 mM	0.2334 mL	1.1669 mL	2.3338 mL
10 mM	0.1167 mL	0.5835 mL	1.1669 mL
50 mM	0.0233 mL	0.1167 mL	0.2334 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

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