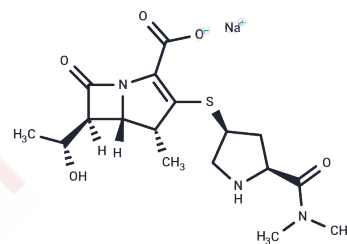


## Meropenem sodium

## Chemical Properties

CAS No. :	211238-34-5
Formula:	C <sub>17</sub> H <sub>24</sub> N <sub>3</sub> NaO <sub>5</sub> S
Molecular Weight:	405.44
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	Meropenem (SM 7338) sodium is a broad-spectrum carbapenem antibiotic that exhibits activity against both susceptible and resistant strains of <i>Neisseria gonorrhoeae</i> (MIC values of 0.02-0.06 mg/mL), <i>Haemophilus influenzae</i> (MIC values of 0.03-0.12 mg/mL), and <i>Moraxella catarrhalis</i> (MIC values of 0.015-0.12 mg/mL).
Targets(IC50)	Antibacterial, Antibiotic, Penicillin-binding protein (PBP)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4665 mL	12.3323 mL	24.6646 mL
5 mM	0.4933 mL	2.4665 mL	4.9329 mL
10 mM	0.2466 mL	1.2332 mL	2.4665 mL
50 mM	0.0493 mL	0.2466 mL	0.4933 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

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