

## Murepavadin acetate(944252-63-5 free base)

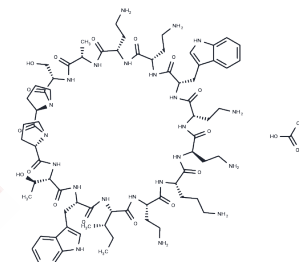
## Chemical Properties

CAS No. :

Formula: C75H116N22O18

Molecular Weight: 1613.86

Storage: Store at low temperature, Keep away from moisture  
 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	Murepavadin acetate is a potent and specific antibiotic for the treatment of bacterial infections caused by <i>Pseudomonas aeruginosa</i> . Murepavadin acetate targets the lipopolysaccharide transport portin D.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6196 mL	3.0982 mL	6.1963 mL
5 mM	0.1239 mL	0.6196 mL	1.2393 mL
10 mM	0.062 mL	0.3098 mL	0.6196 mL
50 mM	0.0124 mL	0.062 mL	0.1239 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

Bassetti M , Vena A , Castaldo N , et al. New antibiotics for ventilator-associated pneumonia[J]. Current Opinion in Infectious Diseases, 2018, 31(2):1.

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