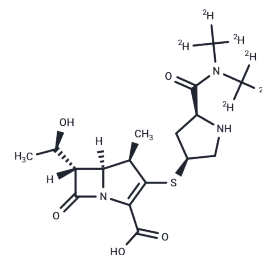


Meropenem-D6-1

Chemical Properties

CAS No. :	1217976-95-8
Formula:	C17H19D6N3O5S
Molecular Weight:	389.5
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-D6-1 is a deuterated compound of Meropenem-1. Meropenem-1 has a CAS number of 96036-03-2. Meropenem (T0224) is a carbapenem antibiotic with broad spectrum of activity that is administered intravenously and used for severe bacterial infections due to sensitive agents. Meropenem (T0224) is a common cause of mild transient aminotransferase elevations and can rarely result in clinically apparent, cholestatic liver injury.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5674 mL	12.837 mL	25.6739 mL
5 mM	0.5135 mL	2.5674 mL	5.1348 mL
10 mM	0.2567 mL	1.2837 mL	2.5674 mL
50 mM	0.0513 mL	0.2567 mL	0.5135 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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