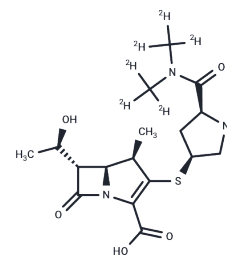


Meropenem-D6

Chemical Properties

CAS No. : 1133424-00-6
 Formula: C₁₇H₁₉D₆N₃O₅
 Molecular Weight: 389.50
 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 is a deuterated compound of Meropenem (T0224).
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.

Reference

Edwards JR, et al. J Antimicrob Chemother, 1995, 36 Suppl A, 1-17.

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