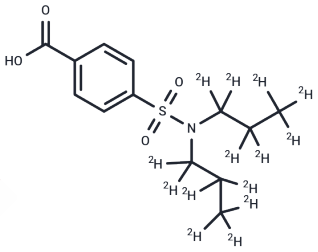
Data Sheet (Cat.No.TMID-0602)

TargetMol

Probenecid-D14

Chemical Properties



CAS No. : 1189657-87-1

Formula: C13H19NO4S

Molecular Weight: 299.45

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	Probenecid-D14 is a deuterated form of Probenecid. Probenecid (T0457) serves as a potent and selective agonist of the transient receptor potential vanilloid 2 (TRPV2) channel. Additionally, it acts as an inhibitor of pannexin 1 channels.
Targets(IC50)	HIV Protease,Antibacterial,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3395 mL	16.6973 mL	33.3946 mL
5 mM	0.6679 mL	3.3395 mL	6.6789 mL
10 mM	0.3339 mL	1.6697 mL	3.3395 mL
50 mM	0.0668 mL	0.3339 mL	0.6679 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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