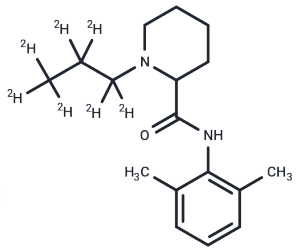
Data Sheet (Cat.No.TMID-0185)

TargetMol

(±)-Ropivacaine-D7

Chemical Properties



CAS No. : 1392208-04-6

Formula: C17H19D7N2O

Molecular Weight: 281.44

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	(±)-Ropivacaine-D7 is a deuterated compound of (±)-Ropivacaine. (±)-Ropivacaine has a CAS number of 84057-95-4. Ropivacaine is a local anaesthetic drug belonging to the amino amide group.
Targets(IC50)	Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5532 mL	17.7658 mL	35.5316 mL
5 mM	0.7106 mL	3.5532 mL	7.1063 mL
10 mM	0.3553 mL	1.7766 mL	3.5532 mL
50 mM	0.0711 mL	0.3553 mL	0.7106 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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