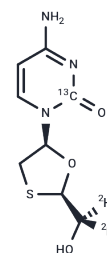


## Lamivudine-13C-D2

## Chemical Properties

CAS No. :	2714473-70-6
Formula:	13CC7D2H9N3O3S
Molecular Weight:	232.26
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	Lamivudine-13C-D2 the 13C and deuterated compound of Lamivudine. Lamivudine has a CAS number of 134678-17-4. Lamivudine is a reverse transcriptase inhibitor and ZALCITABINE analog in which a sulfur atom replaces the 3' carbon of the pentose ring. It is used to treat HIV disease.
Targets(IC50)	HBV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3055 mL	21.5276 mL	43.0552 mL
5 mM	0.8611 mL	4.3055 mL	8.611 mL
10 mM	0.4306 mL	2.1528 mL	4.3055 mL
50 mM	0.0861 mL	0.4306 mL	0.8611 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481