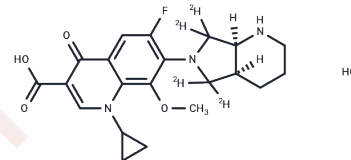


## Moxifloxacin-D4

## Chemical Properties

CAS No. :	1217802-65-7
Formula:	C <sub>21</sub> H <sub>21</sub> D <sub>4</sub> ClFN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	441.92
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	Moxifloxacin-D4 is a deuterated compound of Moxifloxacin. Moxifloxacin has a CAS number of 151096-09-2. Moxifloxacin is a fourth-generation fluoroquinolone that has been shown to be effective against Gram-positive, Gram-negative, and atypical strains, as well as multi-drug resistant Streptococcus pneumoniae.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2629 mL	11.3143 mL	22.6285 mL
5 mM	0.4526 mL	2.2629 mL	4.5257 mL
10 mM	0.2263 mL	1.1314 mL	2.2629 mL
50 mM	0.0453 mL	0.2263 mL	0.4526 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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