

## Moxifloxacin-D

## Chemical Properties

CAS No. :

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-D is the hydrochloride salt form of deuterium-labeled Moxifloxacin (Moxifloxacin). This compound acts as an orally effective antibacterial agent and is utilized in research concerning acute bacterial sinusitis, acute bacterial exacerbations of chronic bronchitis, and infectious pneumonia.
Targets(IC50)	Others

## 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.

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