

Moxifloxacin-D4 hydrochloride

Chemical Properties

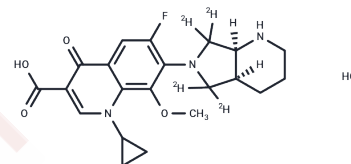
CAS No. :

Formula: C₂₁H₂₁D₄ClFN₃O₄

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 hydrochloride is a deuterated compound of Moxifloxacin Hydrochloride (TMSM-1673). Moxifloxacin hydrochloride has a CAS number of 186826-86-8. Moxifloxacin is a fourth generation fluoroquinolone with expanded activity against gram-positive bacteria as well as atypical pathogens. Moxifloxacin has been linked to mild ALT elevations during therapy and to rare instances of idiosyncratic acute liver injury with symptoms and jaundice.
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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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