

Lomefloxacin-D5 hydrochloride

Chemical Properties

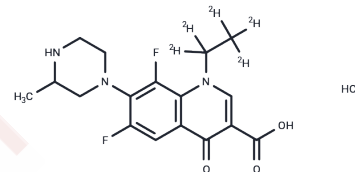
CAS No. :

Formula: C₁₇H₁₅D₅ClF₂N₃O₃

Molecular Weight: 392.84

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	Lomefloxacin-D5 hydrochloride is a deuterated compound of Lomefloxacin hydrochloride. Lomefloxacin hydrochloride (T1444) has a CAS number of 98079-51-7. Lomefloxacin is a synthetic broad-spectrum fluoroquinolone with antibacterial activity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5456 mL	12.7278 mL	25.4557 mL
5 mM	0.5091 mL	2.5456 mL	5.0911 mL
10 mM	0.2546 mL	1.2728 mL	2.5456 mL
50 mM	0.0509 mL	0.2546 mL	0.5091 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.

Reference

1. Takenouchi T, et al. Antimicrob Agents ChemOthers. 1995 Jul;39(7):1414-8

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