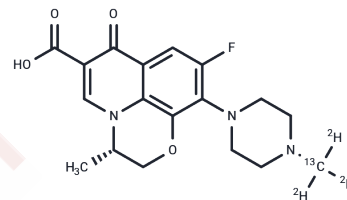


Levofloxacin-13C,D3

Chemical Properties

CAS No. :	1261398-33-7
Formula:	C ₁₈ H ₂₀ FN ₃ O ₄
Molecular Weight:	365.38
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	Levofloxacin-13C,D3 is a carbon-13 and deuterium-labeled version of Levofloxacin (TMSM-3455). It is a synthetic fluoroquinolone antibiotic that inhibits the DNA gyrase enzyme's supercoiling activity in bacteria, thereby preventing DNA replication.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7369 mL	13.6844 mL	27.3688 mL
5 mM	0.5474 mL	2.7369 mL	5.4738 mL
10 mM	0.2737 mL	1.3684 mL	2.7369 mL
50 mM	0.0547 mL	0.2737 mL	0.5474 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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