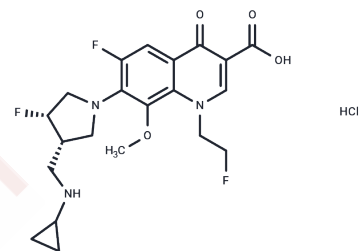


Lascufloxacin HCl

Chemical Properties

CAS No. :	1433857-09-0
Formula:	C ₂₁ H ₂₅ ClF ₃ N ₃ O ₄
Molecular Weight:	475.89
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	Lascufloxacin (KRP-AM-1977) is a potent antibacterial drug candidate. It exhibited the most potent activity against gram-positive bacteria among the quinolones tested. Lascufloxacin showed incomplete cross-resistance against existing quinolone-resistant strains.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1013 mL	10.5066 mL	21.0133 mL
5 mM	0.4203 mL	2.1013 mL	4.2027 mL
10 mM	0.2101 mL	1.0507 mL	2.1013 mL
50 mM	0.042 mL	0.2101 mL	0.4203 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

Kishii R, Yamaguchi Y, Takei M. In Vitro Activities and Spectrum of the Novel Fluoroquinolone Lascufloxacin (KRP-AM1977). *Antimicrob Agents Chemother.* 2017 May 24;61(6). pii: e00120-17. doi: 10.1128/AAC.00120-17. Print 2017 Jun. PubMed PMID: 28320717; PubMed Central PMCID: PMC5444182.

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