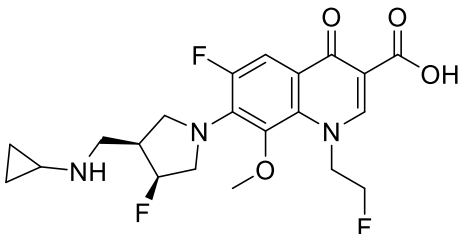




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319549	Lascufloxacin	YXM91219

Chemical name	
7-[(3S,4S)-3-[(cyclopropylamino)methyl]-4-fluoropyrrolidin-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid	
Synonyms	
KRP-AM1977; KRP-AM-1977; KRP-AM 1977; KRP-AM1977X; KRP-AM1977Y; Lascufloxacin	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319549 Name: Lascufloxacin CAS#: 848416-07-9 Lot# YXM91219 Chemical Formula: C ₂₁ H ₂₄ F ₃ N ₃ O ₄ Exact Mass: 439.1719 Molecular Weight: 439.43

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE