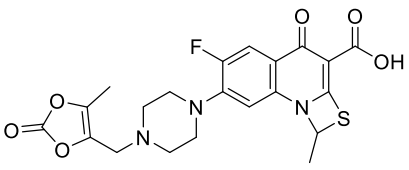


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
328337	Prulifloxacin	A23M05B01

Chemical name	
6-fluoro-1-methyl-7-(4-((5-methyl-2-oxo-1,3-dioxol-4-yl)methyl)piperazin-1-yl)-4-oxo-1H,4H-[1,3]thiazeto[3,2-a]quinoline-3-carboxylic acid	
Synonyms	
Prulifloxacin; NM-441; NM 441; NM441	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328337 Name: Prulifloxacin CAS#: 123447-62-1 Lot#: A23M05B01 Chemical Formula: C ₂₁ H ₂₀ FN ₃ O ₆ S Exact Mass: 461.1057 Molecular Weight: 461.4644

Analysis item	Specifications / Results
Appearance	Slightly pale yellow to yellow 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%
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 3 years if properly stored.

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