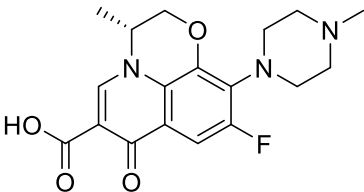




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
3330187	(R)-Ofloxacin	T9D11P09

Chemical name	
(3R)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid	
Synonyms	
(R)-Ofloxacin, (+)-Ofloxacin; (R)-(+)-Ofloxacin; D-Ofloxacin; DR 3354; DR-3354; DR3354; d-Levofloxacin; Dextrofloxacina	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 3330187 Name: (R)-Ofloxacin CAS#: 100986-86-5 Lot#: T9D11P09 Chemical Formula: C ₁₈ H ₂₀ FN ₃ O ₄ Exact Mass: 361.1438 Molecular Weight: 361.37

Analysis item	Specifications / Results
Appearance	Off-white to light 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)	>99.0%
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