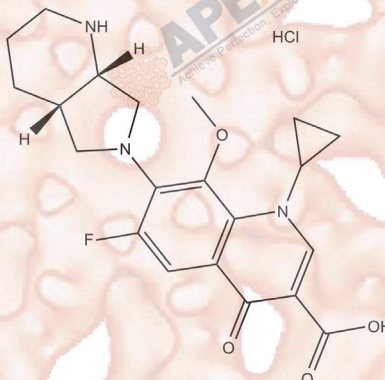


Product Data Sheet

Moxifloxacin HCl

Cat. No.:	A5323
CAS No.:	186826-86-8
Formula:	C ₂₁ H ₂₄ FN ₃ O ₄ ·HCl
M.Wt:	437.89
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥43.91 mg/mL in DMSO; ≥25.4 mg/mL in H₂O with gentle warming

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.2837 mL	11.4184 mL	22.8368 mL
		5 mM	0.4567 mL	2.2837 mL	4.5674 mL
		10 mM	0.2284 mL	1.1418 mL	2.2837 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	Fluoroquinolone antibiotic	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Blanchette AD, Grimm FA, et al. "Thorough QT/QTc in a Dish: An In Vitro Human Model That Accurately Predicts Clinical Concentration-QTc Relationships." Clin Pharmacol Ther. 2018 Oct 22.PMID:30346629

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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