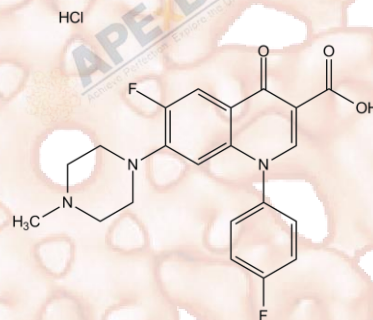


Product Data Sheet

Difloxacin HCl

Cat. No.:	A8411
CAS No.:	91296-86-5
Formula:	C ₂₁ H ₁₉ F ₂ N ₃ O ₃ HCl
M.Wt:	435.86
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

In Vitro

 insoluble in EtOH; ≥ 7.36 mg/mL in H₂O with ultrasonic; ≥ 9.15 mg/mL in DMSO with gentle warming

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.2943 mL	11.4716 mL	22.9431 mL
	5 mM		0.4589 mL	2.2943 mL	4.5886 mL
	10 mM		0.2294 mL	1.1472 mL	2.2943 mL

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

Biological Activity

Shortsummary

quinolone antimicrobial antibiotic

 IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Kaisari S, Shomer P, et al. "Role of Polo-like kinase 1 in the regulation of the action of p31(comet) in the disassembly of mitotic checkpoint complexes." Proc Natl Acad Sci U S A. 2019 Jun 11;116(24):11725-11730.PMID:31118282

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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