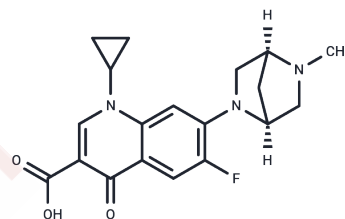


Danofloxacin

Chemical Properties

CAS No. :	112398-08-0
Formula:	C ₁₉ H ₂₀ FN ₃ O ₃
Molecular Weight:	357.38
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Danofloxacin (Danofloxacin free base) is a fluoroquinolone antibiotic used in veterinary medicine.
Targets(IC50)	Antibacterial,Antibiotic,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 1 mg/mL (2.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7981 mL	13.9907 mL	27.9814 mL
5 mM	0.5596 mL	2.7981 mL	5.5963 mL
10 mM	0.2798 mL	1.3991 mL	2.7981 mL
50 mM	0.056 mL	0.2798 mL	0.5596 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yang Y, Zhang Y, Li J, et al. Susceptibility breakpoint for Danofloxacin against swine Escherichia coli[J]. BMC Veterinary Research, 2019, 15(1).

Yin J, Jia P, Qu X, et al. Discovery of Voreloxin as a Dual-Selective Stabilizer for c-Myc/Bcl-2 G-Quadruplexes in Leukemia. Chemical Biology & Drug Design. 2024, 104(6): e70034.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481