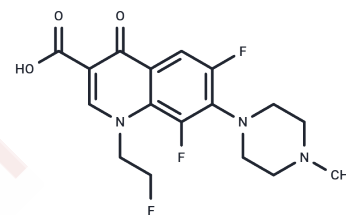


Fleroxacin

Chemical Properties

CAS No. :	79660-72-3
Formula:	C ₁₇ H ₁₈ F ₃ N ₃ O ₃
Molecular Weight:	369.34
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Fleroxacin (RO 23-6240) is a broad-spectrum antimicrobial fluoroquinolone that strongly inhibits the DNA-supercoiling activity of DNA gyrase.
Targets(IC50)	Antibacterial,Antibiotic,DNA gyrase,Topoisomerase

Solubility Information

Solubility	0.1 M NaOH: 16.83 mg/mL (45.57 mM),Sonication is recommended. DMSO: 1 mg/mL (2.71 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7075 mL	13.5377 mL	27.0753 mL
5 mM	0.5415 mL	2.7075 mL	5.4151 mL
10 mM	0.2708 mL	1.3538 mL	2.7075 mL
50 mM	0.0542 mL	0.2708 mL	0.5415 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

Hussy P, et al. Antimicrob Agents ChemOthers. 1986 Jun;29(6):1073-8.

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