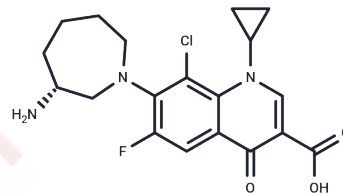


Besifloxacin

Chemical Properties

CAS No. :	141388-76-3
Formula:	C ₁₉ H ₂₁ ClFN ₃ O ₃
Molecular Weight:	393.84
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	Besifloxacin is a fluoroquinolone antibacterial agent with broad-spectrum antimicrobial activity that can also inhibit cytokine production by monocytes.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5391 mL	12.6955 mL	25.391 mL
5 mM	0.5078 mL	2.5391 mL	5.0782 mL
10 mM	0.2539 mL	1.2696 mL	2.5391 mL
50 mM	0.0508 mL	0.2539 mL	0.5078 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

Zhang JZ, et al. Besifloxacin, a novel fluoroquinolone antimicrobial agent, exhibits potent inhibition of pro-inflammatory cytokines in human THP-1 monocytes. J Antimicrob Chemother. 2008;61(1):111-116.

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