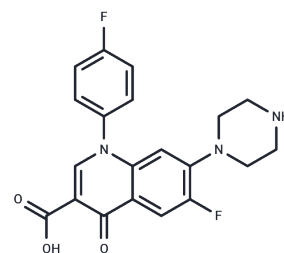


Sarafloxacin

Chemical Properties

CAS No. : 98105-99-8
Formula: C₂₀H₁₇F₂N₃O₃
Molecular Weight: 385.36
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Sarafloxacin (A56620) has antibacterial activities against Gram-positive and Gram-negative bacteria.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 7.5 mg/ml (19.46 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.595 mL	12.9749 mL	25.9498 mL
5 mM	0.519 mL	2.595 mL	5.190 mL
10 mM	0.2595 mL	1.2975 mL	2.595 mL
50 mM	0.0519 mL	0.2595 mL	0.519 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.

Reference

Cao Z, et al. The effect of sarafloxacin on Cu/ZnSOD structure and activity. Spectrochim Acta A Mol Biomol Spectrosc. 2015 Feb 5;136 Pt B:601-6.

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