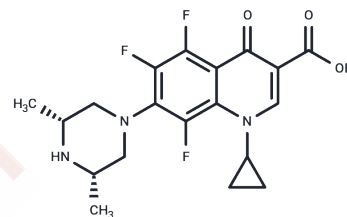


Orbifloxacin

Chemical Properties

CAS No. :	113617-63-3
Formula:	C ₁₉ H ₂₀ F ₃ N ₃ O ₃
Molecular Weight:	395.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Orbifloxacin (CP-104354) is a broad-spectrum fluoroquinolone antibiotic.
Targets(IC50)	Antibacterial,Antibiotic
In vivo	Orbifloxacin exhibits enhanced antibacterial activity against Enterobacteriaceae, both Gram-negative and Gram-positive bacteria, anaerobes, and actinobacteria.

Solubility Information

Solubility	DMSO: 6 mg/mL (15.18 mM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5292 mL	12.6461 mL	25.2921 mL
5 mM	0.5058 mL	2.5292 mL	5.0584 mL
10 mM	0.2529 mL	1.2646 mL	2.5292 mL
50 mM	0.0506 mL	0.2529 mL	0.5058 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

Ganière JP, et al. Res Vet Sci, 2004, 77(1), 67-71

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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