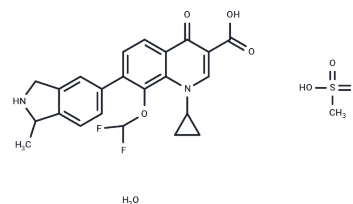


Garenoxacin mesylate hydrate

Chemical Properties

CAS No. : 223652-90-2
 Formula: C₂₃H₂₀F₂N₂O₄.CH₄O₃S.H₂O
 Molecular Weight: 540.53
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Garenoxacin mesylate hydrate (Garenoxacin mesylate [USAN]) with potent antimicrobial activity, against common respiratory pathogens, including resistant strains.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 30 mg/mL (55.50 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.850 mL	9.2502 mL	18.5004 mL
5 mM	0.370 mL	1.850 mL	3.7001 mL
10 mM	0.185 mL	0.925 mL	1.850 mL
50 mM	0.037 mL	0.185 mL	0.370 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

Ince, D, Zhang, X, Silver, L. C, et al. Dual Targeting of DNA Gyrase and Topoisomerase IV: Target Interactions of Garenoxacin (BMS-284756, T-3811ME), a New Desfluoroquinolone[J]. Antimicrobial Agents & Chemotherapy, 46

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