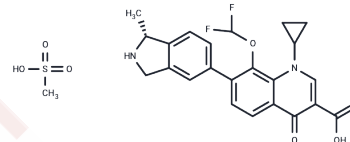


Garenoxacin mesylate

Chemical Properties

CAS No. :	223652-82-2
Formula:	C ₂₄ H ₂₄ F ₂ N ₂ O ₇ S
Molecular Weight:	522.52
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	Garenoxacin mesylate, a novel oral des-fluoro quinolone, has potent antimicrobial activity against common respiratory pathogens, including resistant strains and Gram-negative and Gram-positive bacterial infections.
Targets(IC50)	Others, Antibacterial, Antibiotic, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9138 mL	9.569 mL	19.138 mL
5 mM	0.3828 mL	1.9138 mL	3.8276 mL
10 mM	0.1914 mL	0.9569 mL	1.9138 mL
50 mM	0.0383 mL	0.1914 mL	0.3828 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

Takagi H, Tanaka K, Tsuda H, Kobayashi H. Clinical studies of garenoxacin. *Int J Antimicrob Agents*. 2008 Dec;32(6):468-74. doi: 10.1016/j.ijantimicag.2008.06.032. Epub 2008 Sep 13. Review. PubMed PMID: 18790608.

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