

BAY-Y 3118 hydrochloride

Chemical Properties

CAS No. :	144194-96-7
Formula:	C ₂₀ H ₂₂ Cl ₂ FN ₃ O ₃
Molecular Weight:	442.31
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	BAY-Y 3118 hydrochloride is a quinolone antibacterial agent with a broad spectrum of activity in vitro. It exhibits high efficacy against Gram-positive cocci and anaerobic bacteria, and shows moderate activity against Enterobacteriaceae and Pseudomonas aeruginosa. BAY-Y 3118 hydrochloride is utilized for research into infectious diseases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2609 mL	11.3043 mL	22.6086 mL
5 mM	0.4522 mL	2.2609 mL	4.5217 mL
10 mM	0.2261 mL	1.1304 mL	2.2609 mL
50 mM	0.0452 mL	0.2261 mL	0.4522 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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