

Data Sheet (Cat.No.TQ0221)

Rufloxacin hydrochloride

Chemical Properties

CAS No.:	106017-08-7
Formula:	C ₁₇ H ₁₉ ClFN ₃ O ₃ S
Molecular Weight:	399.87
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Rufloxacin (MF-934) hydrochloride is a fluoroquinolone antibacterial and inhibits Topo. It also inhibits B-cell differentiation in human mononuclear cells.
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Solubility Information

Solubility	Water: 2 mg/mL (5.00 mM) DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.501 mL	12.504 mL	25.008 mL
5 mM	0.5 mL	2.501 mL	5.002 mL
10 mM	0.25 mL	1.25 mL	2.501 mL
50 mM	0.05 mL	0.25 mL	0.5 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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