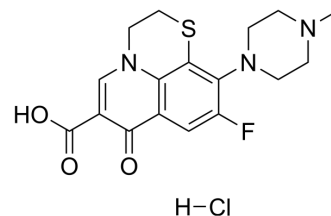


Rufloxacin hydrochloride

Cat. No.:	HY-B0902A
CAS No.:	106017-08-7
Molecular Formula:	C ₁₇ H ₁₉ ClFN ₃ O ₃ S
Molecular Weight:	399.87
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 2 mg/mL (5.00 mM; Need ultrasonic)
DMSO : 0.0852 mg/mL (0.21 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		2.5008 mL	12.5041 mL	25.0081 mL
	5 mM		0.5002 mL	2.5008 mL	5.0016 mL
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Rufloxacin hydrochloride (MF-934 hydrochloride) is a fluoroquinolone antibacterial, inhibits B-cell differentiation in human mononuclear cells, inhibits Topo.

IC₅₀ & Target

Quinolone

Caution: Product has not been fully validated for medical applications. For research use only.

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