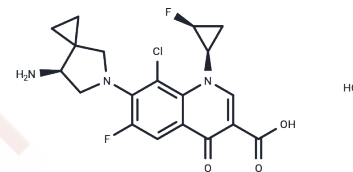


## Sitaflloxacin hydrochloride

## Chemical Properties

CAS No. :	346607-37-2
Formula:	C <sub>19</sub> H <sub>19</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	446.28
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	Sitaflloxacin hydrochloride (DU6859a), a potent fluoroquinolone antibiotic with oral activity, demonstrates antichlamydial activity and a broad antibacterial spectrum against gram-positive, gram-negative, and anaerobic bacteria, in addition to atypical pathogens. It is utilized in researching respiratory tract and urinary tract infections [1] [2].
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2407 mL	11.2037 mL	22.4075 mL
5 mM	0.4481 mL	2.2407 mL	4.4815 mL
10 mM	0.2241 mL	1.1204 mL	2.2407 mL
50 mM	0.0448 mL	0.2241 mL	0.4481 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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