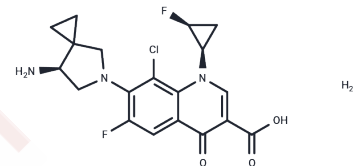


## Sitafloxacin monohydrate

## Chemical Properties

CAS No. :	163253-37-0
Formula:	C <sub>19</sub> H <sub>20</sub> ClF <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	427.83
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	Sitafloxacin (DU6859a) monohydrate is a potent oral fluoroquinolone antibiotic with antichlamydial and broad-spectrum antibacterial activities against gram-positive, gram-negative, anaerobic bacteria, and atypical pathogens, effective in researching respiratory and urinary tract infections [1] [2].
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3374 mL	11.6869 mL	23.3738 mL
5 mM	0.4675 mL	2.3374 mL	4.6748 mL
10 mM	0.2337 mL	1.1687 mL	2.3374 mL
50 mM	0.0467 mL	0.2337 mL	0.4675 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481