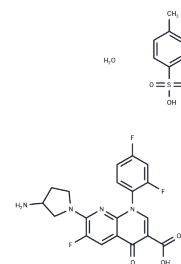


## Tosufloxacin tosylate hydrate

## Chemical Properties

CAS No. :	1400591-39-0
Formula:	C <sub>26</sub> H <sub>25</sub> F <sub>3</sub> N <sub>4</sub> O <sub>7</sub> S
Molecular Weight:	594.60
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Tosufloxacin tosylate hydrate (A-61827 tosylate hydrate) is a fluoroquinolone antibacterial agent that is used to treat susceptible infections.
Targets(IC50)	Antibacterial, Antibiotic

## Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or 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	1.6818 mL	8.409 mL	16.818 mL
5 mM	0.3364 mL	1.6818 mL	3.3636 mL
10 mM	0.1682 mL	0.8409 mL	1.6818 mL
50 mM	0.0336 mL	0.1682 mL	0.3364 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.

## Reference

Deng F Y , Huang C X , Liu Y . Mn<sup>2+</sup>-CTMAB-Sensitized Fluorescent Microscopic Determination of Tosufloxacin Tosylate Based on a Self-Ordered Ring[J]. Spectroscopy & Spectral Analysis, 2014, 34(2):445.

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