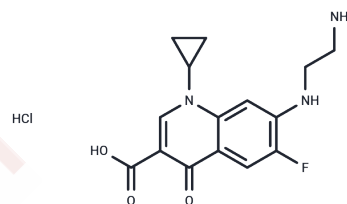


## Desethylene Ciprofloxacin (hydrochloride)

## Chemical Properties

CAS No. :	528851-31-2
Formula:	C <sub>15</sub> H <sub>17</sub> ClFN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	341.77
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	Desethylene ciprofloxacin is a major metabolite of ciprofloxacin . It is also a degradation product of ciprofloxacin that can be created through advanced oxygenation processes as a potential way to remove ciprofloxacin from wastewater. It is also created during degradation of ciprofloxacin by chlorination.
Targets(IC50)	Others,Antibacterial

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9259 mL	14.6297 mL	29.2594 mL
5 mM	0.5852 mL	2.9259 mL	5.8519 mL
10 mM	0.2926 mL	1.463 mL	2.9259 mL
50 mM	0.0585 mL	0.2926 mL	0.5852 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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