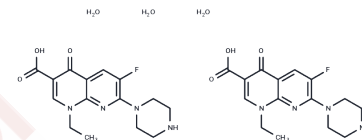


## Enoxacin hydrate

## Chemical Properties

CAS No. : 84294-96-2  
 Formula: C<sub>15</sub>H<sub>17</sub>FN<sub>4</sub>O<sub>3</sub>·3/2H<sub>2</sub>O  
 Molecular Weight: 347.34  
 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	Enoxacin hydrate (AT-2266 hydrate) is a broad-spectrum 6-fluoronaphthyridinone antibacterial agent.
Targets(IC50)	Antibacterial, Antibiotic, DNA gyrase, DNA/RNA Synthesis, Topoisomerase, MicroRNA

## Solubility Information

Solubility	DMSO: 2.63 mg/mL (7.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.879 mL	14.3951 mL	28.7902 mL
5 mM	0.5758 mL	2.879 mL	5.758 mL
10 mM	0.2879 mL	1.4395 mL	2.879 mL
50 mM	0.0576 mL	0.2879 mL	0.5758 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

Preissner S, et al. Nucleic Acids Res. 2010 Jan;38(Database issue):D237-43.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481