

# Enoxacin

## Catalog No: tcsc2257



### Available Sizes

**Size:** 100mg

**Size:** 500mg



### Specifications

**CAS No:**  
74011-58-8

**Formula:**  
 $C_{15}H_{17}FN_4O_3$

**Pathway:**  
Anti-infection

**Target:**  
Bacterial

**Purity / Grade:**  
>98%

**Solubility:**  
10 mM in DMSO

**Alternative Names:**  
AT 2266;CI 919

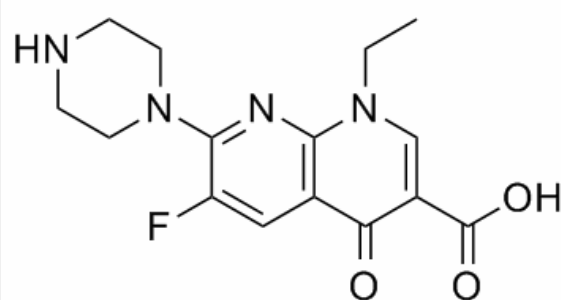
**Observed Molecular Weight:**  
320.32

### Product Description

Enoxacin is a broad-spectrum 6-fluoronaphthyridinone antibacterial agent.

Target: antibacterial

Enoxacin is a new quinolone carboxylic acid compound. Its activity against 740 bacterial isolates was determined. It inhibited 90% *Escherichia coli*, *Klebsiella* sp., *Aeromonas* sp., *Enterobacter* spp., *Serratia* spp., *Proteus mirabilis*, and *Morganella morganii* at less than or equal to 0.8 micrograms/ml [1]. Daily plasma theophylline concentrations were measured in 14 patients. The mean  $\pm$  s.d. theophylline concentrations increased from 8.5  $\pm$  2.8 micrograms ml<sup>-1</sup> prior to enoxacin to a maximum of 21.7  $\pm$  7.8 micrograms ml<sup>-1</sup> during coadministration [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!