

## Pefloxacin Mesylate Dihydrate

Catalog No: #S0425L

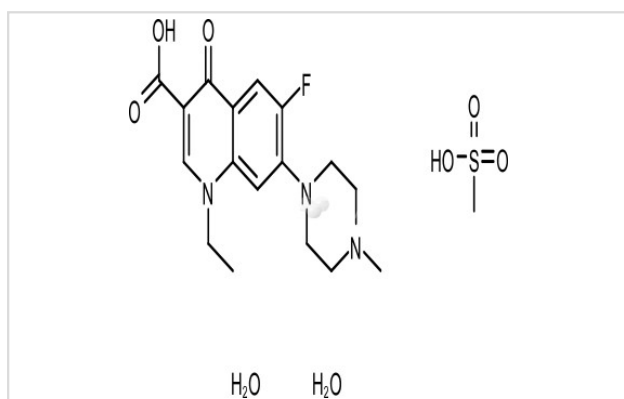
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## Description

Product Name	Pefloxacin Mesylate Dihydrate
Brief Description	Inhibitors
Purification	99.00%
Target Name	Topoisomerase inhibitor
Calculated MW	465.49
Formulation	C <sub>17</sub> H <sub>20</sub> FN <sub>3</sub> O <sub>3</sub> CH <sub>4</sub> O <sub>3</sub> S <sub>2</sub> H <sub>2</sub> O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Metabolism system  
 SMILES: O.O.CS(O)(=O)=O.CCN1C=C(C(O)=O)C(=O)C2=CC(F)=C(C=C12)N1CCN(C)CC1  
 Pathways: DNA Damage/DNA Repair  
 Receptor: Topo II  
 Boiling pt: Melting pt: 271°C  
 Solubility: Water: 67 mg/mL (143.93 mM); DMSO: 9 mg/mL (19.33 mM)  
 Appearance: White Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Bergogne-Brzin E, et al. Int J Antimicrob Agents. 1991;1(1):29-46.

Note: This product is for in vitro research use only