

## Gemifloxacin mesylate

Catalog No: #S1492

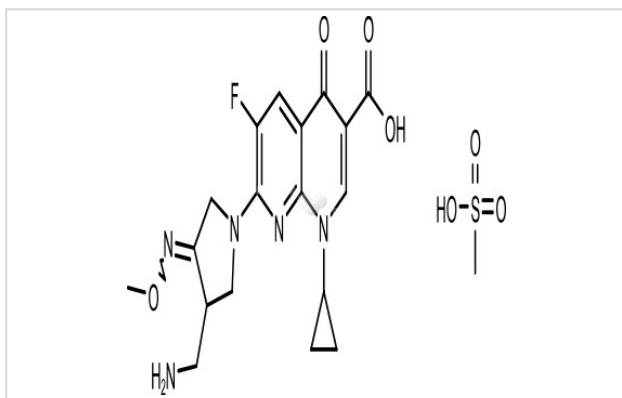
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## Description

|                   |   |
|-------------------|---|
| Product Name      | Gemifloxacin mesylate                           |
| Brief Description | Inhibitors                                      |
| Purification      | 99.71%  |
| Target Name       | DNA gyrase inhibitor; Topoisomerase inhibitor   |
| Calculated MW     | 485.49  |
| Formulation       | C19H24FN5O7S                                    |
| Storage           | 3 years -20°C powder; 2 years -80°C in solvent; |

## Images



## Product Description

Research Area: Respiratory system  
 SMILES: CO/N=C1/CN(CC1CN)C2=C(C=C3C(=O)C(=CN(C3=N2)C4CC4)C(=O)O)F.CS(=O)(=O)O  
 Pathways: DNA Damage/DNA Repair  
 Receptor: DNA gyrase; Topo II  
 Boiling pt: 638.9°C  
 Melting pt: 235-237°C  
 Solubility: DMSO: 30mg/mL  
 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. Ruiz J, et al. Int J Antimicrob Agents. 2003 Jul;22(1):73-6.

Note: This product is for in vitro research use only