

Ciprofloxacin hydrochloride

Catalog No: #S0250

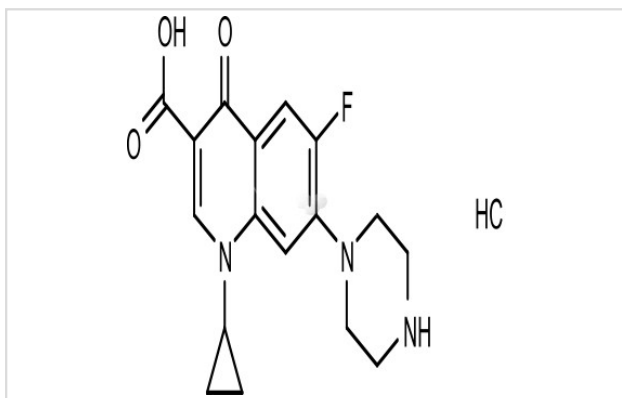
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Description

Product Name	Ciprofloxacin hydrochloride
Brief Description	Inhibitors
Purification	99.50%
Target Name	DNA gyrase inhibitor; Topoisomerase inhibitor
Calculated MW	367.8
Formulation	C ₁₇ H ₁₈ FN ₃ O ₃ HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
 SMILES: Cl.O=C(O)C1=CN(C2CC2)C2=CC(N3CCNCC3)=C(F)C=C2C1=O
 Pathways: DNA Damage/DNA Repair
 Receptor: DNA gyrase; Topo II; Topo IV
 Boiling pt: 581.8°C
 Melting pt: >300°C
 Solubility: DMSO: 10 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 month.

References

1. Lee JK, et al. Microbiol Immunol. 2005;49(7):647-53.

Note: This product is for in vitro research use only