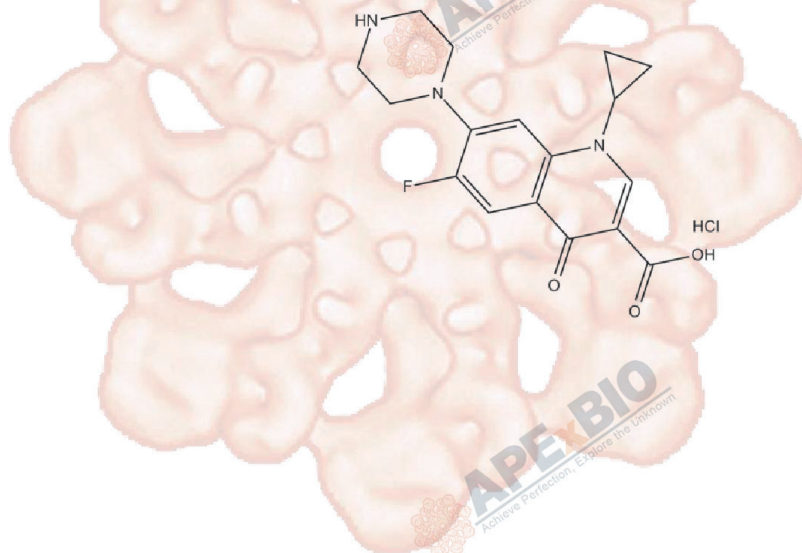


# Product Data Sheet

## Ciprofloxacin (hydrochloride)

<b>Cat. No.:</b>	C5539
<b>CAS No.:</b>	93107-08-5
<b>Formula:</b>	C <sub>17</sub> H <sub>18</sub> FN <sub>3</sub> O <sub>3</sub> ·HCl
<b>M.Wt:</b>	367.8
<b>Synonyms:</b>	BAY-o 9867, NSC 620634
<b>Target:</b>	Microbiology & Virology
<b>Pathway:</b>	Antibiotic
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in EtOH;  $\geq 33.87$  mg/mL in H<sub>2</sub>O;  $\geq 9.34$  mg/mL in DMSO with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	2.7189 mL	13.5943 mL	27.1887 mL
		<b>5 mM</b>	0.5438 mL	2.7189 mL	5.4377 mL
		<b>10 mM</b>	0.2719 mL	1.3594 mL	2.7189 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

Shortsummary	fluoroquinolone antibiotic
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.



**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

