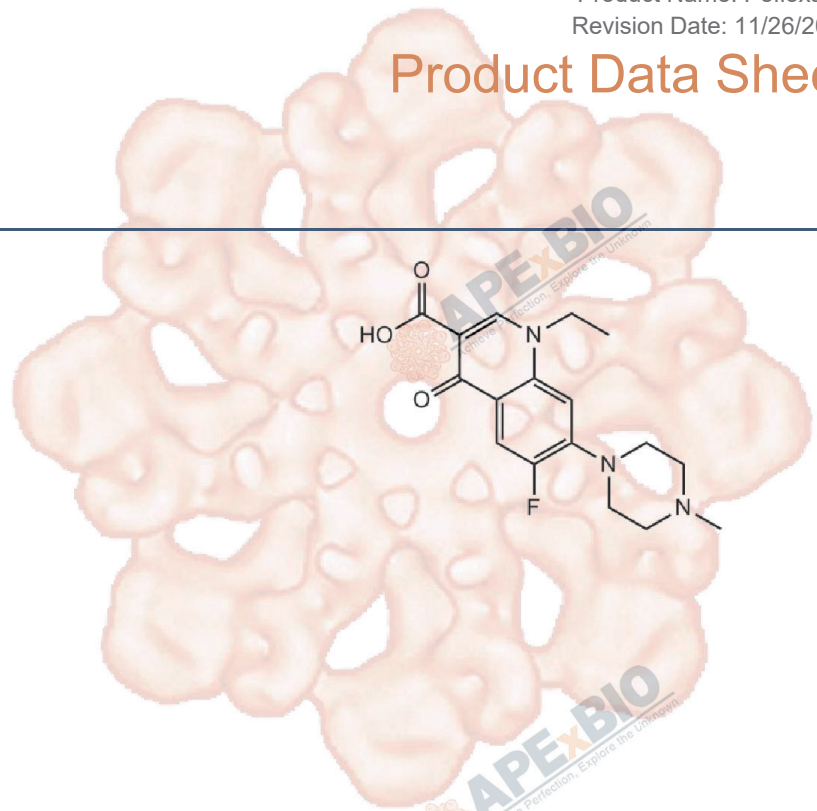


# Product Data Sheet

## Pefloxacin

**Cat. No.:** B1222  
**CAS No.:** 70458-92-3  
**Formula:** C<sub>17</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>3</sub>  
**M.Wt:** 333.36  
**Synonyms:**  
**Target:** Microbiology & Virology  
**Pathway:** Antibiotic  
**Storage:** Store at -20°C



### Solvent & Solubility

≥2.17 mg/mL in DMSO with gentle warming and ultrasonic; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		2.9998 mL	14.9988 mL	29.9976 mL
	5 mM		0.6000 mL	2.9998 mL	5.9995 mL
	10 mM		0.3000 mL	1.4999 mL	2.9998 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Antibacterial agent

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## 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. Shortterm 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**

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