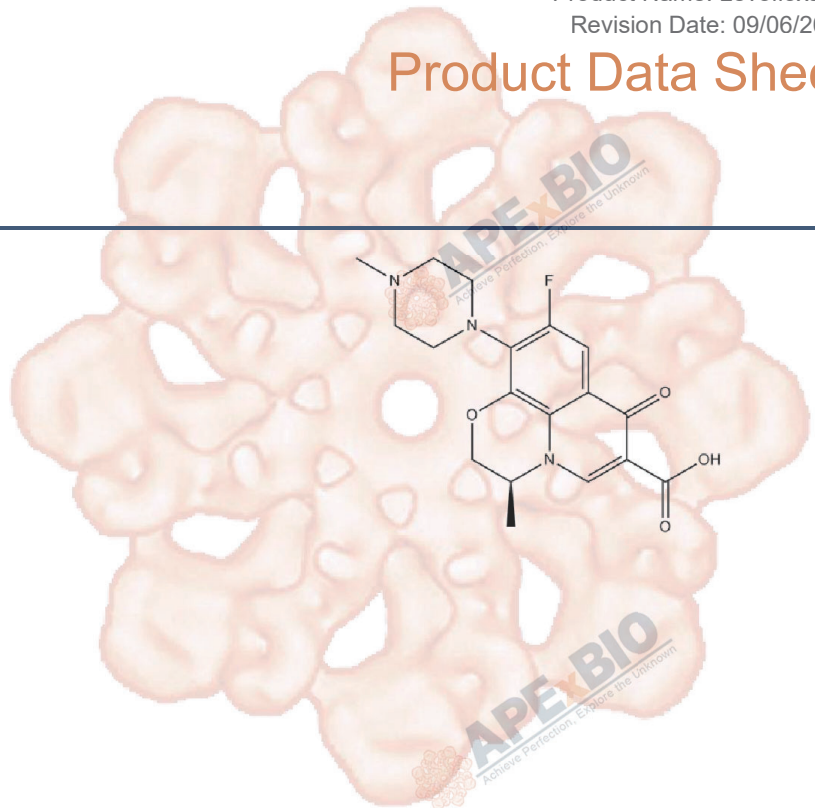


Product Data Sheet

Levofloxacin

| | |
|------------------|--|
| Cat. No.: | B1959 |
| CAS No.: | 100986-85-4 |
| Formula: | C ₁₈ H ₂₀ FN ₃ O ₄ |
| M.Wt: | 361.37 |
| Synonyms: | |
| Target: | Microbiology & Virology |
| Pathway: | Antibiotic |
| Storage: | Store at -20°C |



Solvent & Solubility

insoluble in H₂O; ≥36.19 mg/mL in DMSO; ≥2.82 mg/mL in EtOH with ultrasonic

| | Solvent | Mass | | | |
|----------|---------------------------|---------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg | |
| In Vitro | Preparing Stock Solutions | | | | |
| | | Concentration | | | |
| | | 1 mM | 2.7672 mL | 13.8362 mL | 27.6725 mL |
| | | 5 mM | 0.5534 mL | 2.7672 mL | 5.5345 mL |
| | 10 mM | 0.2767 mL | 1.3836 mL | 2.7672 mL | |

Please refer to the solubility information to select the appropriate solvent

Biological Activity

| | | |
|---------------------------|--------------------------------------|--|
| Shortsummary | synthetic fluoroquinolone antibiotic | |
| IC ₅₀ & Target | | |
| In Vitro | Cell Viability Assay | |
| | Preparation method: | |
| In Vivo | Animal experiment | |
| | Applications: | |

Product Citations

See more customer validations on 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

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