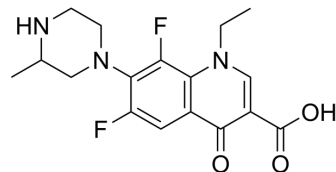


## Lomefloxacin

Cat. No.:	HY-B0455A
CAS No.:	98079-51-7
Molecular Formula:	C <sub>17</sub> H <sub>19</sub> F <sub>2</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	351.35
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Lomefloxacin (SC47111A) is a broad-spectrum quinolone antibiotic, with antimicrobial activity. Lomefloxacin is used for the research of respiratory tract infections, genitourinary infections, gastrointestinal infections, ENT infections, etc. <sup>[1]</sup>
IC <sub>50</sub> & Target	Quinolone

### REFERENCES

- [1]. Hoogkamp-Korstanje JA. In-vitro activities of ciprofloxacin, levofloxacin, lomefloxacin, ofloxacin, pefloxacin, sparfloxacin and trovafloxacin against gram-positive and gram-negative pathogens from respiratory tract infections. J Antimicrob Chemother. 1997 Sep;40(3):427-31.
- [2]. Reem I Al-Wabli. Lomefloxacin. Profiles Drug Subst Excip Relat Methodol. 2017;42:193-240.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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