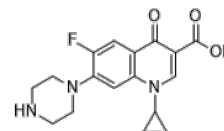


**Product Name** : Ciprofloxacin  
**Cat. No.** : PC-22557  
**CAS No.** : 85721-33-1  
**Molecular Formula** : C<sub>17</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 331.35  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



## Biological Activity

Ciprofloxacin (Bay-09867) is a potent, orally active topoisomerase IV inhibitor and fluoroquinolone antibiotic, induces mitochondrial DNA and nuclear DNA damage and lead to mitochondrial dysfunction, ROS production.

## References

- Cama BAV, et al. *New Microbiol.* 2018 Oct 12;41(4).  
Dumont E, et al. *J Antimicrob Chemother.* 2019 Jan 1;74(1):58-65.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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