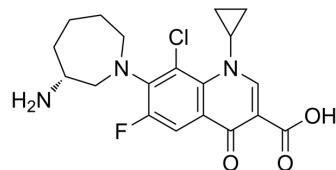


## Besifloxacin

Cat. No.:	HY-14762
CAS No.:	141388-76-3
Molecular Formula:	C <sub>19</sub> H <sub>21</sub> ClFN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	393.84
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Besifloxacin is a fluoroquinolone antimicrobial agent. Besifloxacin can inhibit cytokine production by monocytes. Besifloxacin has broad-spectrum antibacterial activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	Quinolone

### REFERENCES

[1]. Zhang JZ, et al. Besifloxacin, a novel fluoroquinolone antimicrobial agent, exhibits potent inhibition of pro-inflammatory cytokines in human THP-1 monocytes. J Antimicrob Chemother. 2008;61(1):111-116.

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

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