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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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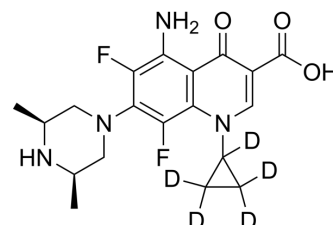
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Sparfloxacin-d₅

Cat. No.:	HY-B0308S
Molecular Formula:	C ₁₉ H ₁₇ D ₅ F ₂ N ₄ O ₃
Molecular Weight:	397.43
Target:	Bacterial; Antibiotic; Isotope-Labeled Compounds
Pathway:	Anti-infection; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sparfloxacin-d ₅ is deuterium labeled Sparfloxacin (HY-B0308). Sparfloxacin is a fluoroquinolone antibiotic, shows broad and potent antibacterial activity ^[1] .
IC₅₀ & Target	Quinolone

REFERENCES

- [1]. Nakamura, S., et al., In vitro and in vivo antibacterial activities of AT-4140, a new broad-spectrum quinolone. Antimicrob Agents Chemother, 1989. 33(8): p. 1167-73.
- [2]. Pan, X.S. and L.M. Fisher, Targeting of DNA gyrase in Streptococcus pneumoniae by sparfloxacin: selective targeting of gyrase or topoisomerase IV by quinolones. Antimicrob Agents Chemother, 1997. 41(2): p. 471-4.

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

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