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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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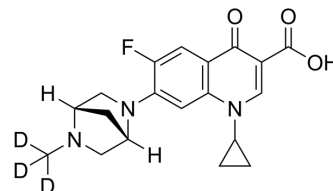
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Danofloxacin-d₃

Cat. No.:	HY-W011117S
CAS No.:	1825377-28-3
Molecular Formula:	C ₁₉ H ₁₇ D ₃ FN ₃ O ₃
Molecular Weight:	360.4
Target:	Bacterial; DNA/RNA Synthesis; Isotope-Labeled Compounds
Pathway:	Anti-infection; Cell Cycle/DNA Damage; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Danofloxacin-d₃ is deuterium labeled Danofloxacin. Danofloxacin is a third generation fluoroquinolone and orally active antimicrobial agent. Danofloxacin shows a broad spectrum of activity against most Gram-negative and Gram-positive bacteria, mycoplasma and chlamydia species, and plays an antimicrobial role by inhibition of bacterial DNA-gyrase[1][2].

REFERENCES

- [1]. Erjie Tian, et al. Population Pharmacokinetics for Danofloxacin in the Intestinal Contents of Healthy and Infected Chickens. J Vet Pharmacol Ther. 2019 Sep;42(5):556-563.
- [2]. Xia Xiao, et al. Comparative Pharmacokinetics of Danofloxacin in Healthy and Pasteurella Multocida Infected Ducks. J Vet Pharmacol Ther. 2018 Dec;41(6):912-918.

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

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