



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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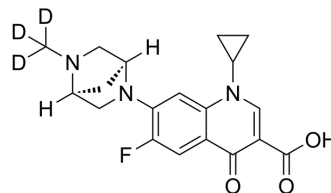
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## Danofloxacin-d<sub>3</sub>-1

Cat. No.:	HY-W011117S1
CAS No.:	1217683-55-0
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> D <sub>3</sub> FN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	360.4
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Danofloxacin-d<sub>3</sub>-1 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<sup>[1][2]</sup>.

### 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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