



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

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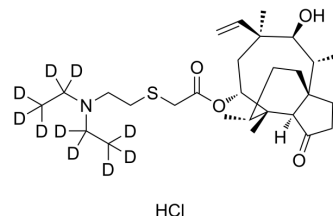
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Tiamulin-d₁₀-1 hydrochloride

Cat. No.:	HY-B2060S1
CAS No.:	2750534-93-9
Molecular Formula:	C ₂₈ H ₃₈ D ₁₀ ClNO ₄ S
Molecular Weight:	540.26
Target:	Isotope-Labeled Compounds; Bacterial; Antibiotic
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tiamulin-d₁₀-1 (hydrochloride) is deuterium labeled Tiamulin. Tiamulin (Thiamutilin) is a diterpene antibiotic that is widely used in pigs and poultry for the control of infectious diseases. Tiamulin is effectively used in the study of airsacculitis, which is primarily caused by *Mycoplasma* spp^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Islam KM, et al. The activity and compatibility of the antibiotic tiamulin with other drugs in poultry medicine--A review. *Poult Sci*. 2009 Nov;88(11):2353-9.

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

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