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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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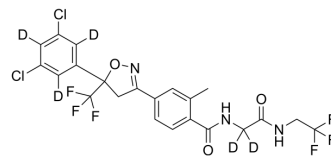
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Fluralaner-d₅

Cat. No.:	HY-16973S3
Molecular Formula:	C ₂₂ H ₁₂ D ₅ Cl ₂ F ₆ N ₃ O ₃
Molecular Weight:	561.32
Target:	Isotope-Labeled Compounds; Parasite
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fluralaner-d₅ (A1443-d₅) is deuterium labeled Fluralaner. Fluralaner (INN) is a systemic insecticide and acaricide Fluralaner through potent blockage of GABA and L-glutamate gated chloride channels^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Williams H, et al. Fluralaner, a novel isoxazoline, prevents flea (*Ctenocephalides felis*) reproduction in vitro and in simulated home environment. Parasit Vectors. 2014 Jun 19;7:275.
- [3]. Walther FM, et al. Safety of fluralaner, a novel systemic antiparasitic drug, in MDR1(-/-) Collies after oral administration. Parasit Vectors. 2014 Mar 6;7:86.

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

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