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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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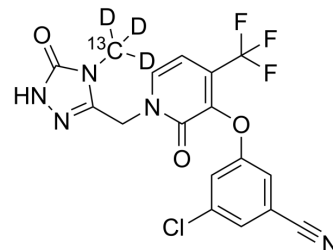
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Doravirine-¹³C,₃D₃

Cat. No.:	HY-16767S1
Molecular Formula:	C ₁₆ ¹³ CH ₈ D ₃ ClF ₃ N ₅ O ₃
Molecular Weight:	429.76
Target:	Isotope-Labeled Compounds; HIV; Reverse Transcriptase
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Doravirine-13C,₃D₃ (MK-1439-13C,₃D₃) is the deuterium labeled Doravirine (HY-16767). Doravirine (MK-1439) is a highly specific HIV-1 nonnucleoside reverse transcriptase inhibitor with IC₅₀s of 4.5 nM, 5.5 nM and 6.1 nM against the wild type and K103N and Y181C reverse transcriptase mutants, respectively^[1].

REFERENCES

- [1]. Lai MT et al. In vitro characterization of MK-1439, a novel HIV-1 nonnucleoside reverse transcriptase inhibitor. *Antimicrob Agents Chemother.* 2014;58(3):1652-63.
- [2]. Anderson MS et al. Safety, tolerability and pharmacokinetics of doravirine, a novel HIV non-nucleoside reverse transcriptase inhibitor, after single and multiple doses in healthy subjects. *Antivir Ther.* 2015;20(4):397-405.

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

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