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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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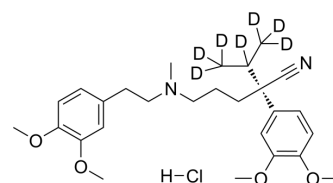
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(S)-Verapamil-d₇ hydrochloride

Cat. No.:	HY-135336AS
Molecular Formula:	C ₂₇ H ₃₂ D ₇ ClN ₂ O ₄
Molecular Weight:	498.11
Target:	Leukotriene Receptor; Calcium Channel; Apoptosis; Isotope-Labeled Compounds
Pathway:	GPCR/G Protein; Membrane Transporter/Ion Channel; Neuronal Signaling; Apoptosis; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(S)-Verapamil-d₇ (hydrochloride) is a deuterium labeled (S)-Verapamil hydrochloride. (S)-Verapamil hydrochloride (S(-)-Verapamil hydrochloride) inhibits leukotriene C₄ (LTC₄) and calcein transport by MRP1. (S)-Verapamil hydrochloride leads to the death of potentially resistant tumor cells[1][2].

REFERENCES

- [1]. Perrotton T, et al. (R)- and (S)-verapamil differentially modulate the multidrug-resistant protein MRP1. J Biol Chem. 2007 Oct 26;282(43):31542-8. Epub 2007 Jul 22.
- [2]. Tannergren C, et al. St John's wort decreases the bioavailability of R- and S-verapamil through induction of the first-pass metabolism. Clin Pharmacol Ther. 2004 Apr;75(4):298-309.

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

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