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Produktinformation



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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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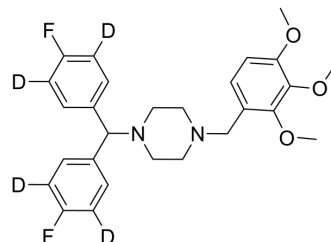
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Lomerizine-d₄

Cat. No.:	HY-B0768S
Molecular Formula:	C ₂₇ H ₂₆ D ₄ F ₂ N ₂ O ₃
Molecular Weight:	472.56
Target:	Calcium Channel; Isotope-Labeled Compounds
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lomerizine-d₄ is the deuterium labeled Lomerizine (HY-B0768). Lomerizine is an antagonist of L- and T-type voltagegated calcium channels^[1].

REFERENCES

- [1]. Tran LT, et al. The voltage-gated calcium channel blocker Lomerizine is neuroprotective in motor neurons expressing mutant SOD1, but not TDP-43. J Neurochem. 2014 Aug;130(3):455-66.
- [2]. Zhu HJ, et al. [Reversal of multidrug resistance by Lomerizine in K562/ADM cells]. Yao Xue Xue Bao. 2004 May;39(5):333-7.
- [3]. Nakamura-Yanagidaira T, et al. Development of spontaneous neuropathy in NF-κBp50-deficient mice by calcineurin-signal involving impaired NF-κB activation. Mol Vis. 2011;17:2157-70.
- [4]. Shimazawa M, et al. Effects of Ca²⁺ channel blockers on cortical hypoperfusion and expression of c-Fos-like immunoreactivity after cortical spreading depression in rats. Br J Pharmacol. 1995 Aug;115(8):1359-68.

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

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