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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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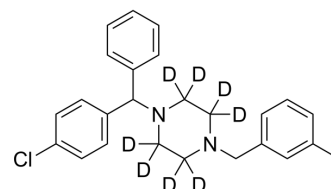
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Meclizine-d₈

Cat. No.:	HY-B0349S
CAS No.:	1246816-06-7
Molecular Formula:	C ₂₅ H ₁₉ D ₈ ClN ₂
Molecular Weight:	399
Target:	Histamine Receptor; Apoptosis; Isotope-Labeled Compounds
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling; Apoptosis; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Meclizine-d ₈ is a deuterium labeled Meclizine. Meclizine is a histamine H1 receptor antagonist and has the potential to treat nausea and motion sickness. Meclizine is an agonist ligand for mouse constitutive androstane receptor (CAR) and an inverse agonist for Human CAR[1][2][3].
IC₅₀ & Target	Histamine H1 Receptor.

REFERENCES

- [1]. Priti N. Patel, et al. Safety and Efficacy in the Treatment and Prevention of Motion Sickness.
- [2]. Vishal M Gohil, et al. Meclizine is neuroprotective in models of Huntington's disease. Hum Mol Genet. 2011 Jan 15;20(2):294-300.
- [3]. Wendong Huang, et al. Meclizine Is an Agonist Ligand for Mouse Constitutive Androstane Receptor (CAR) and an Inverse Agonist for Human CAR.

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

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