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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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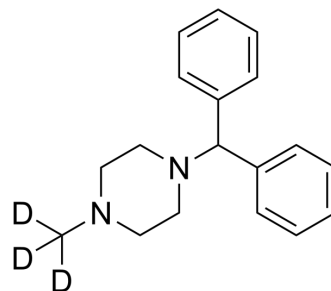
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Cyclizine-d₃

Cat. No.:	HY-B1397S
CAS No.:	1170155-67-5
Molecular Formula:	C ₁₈ H ₁₉ D ₃ N ₂
Molecular Weight:	269.4
Target:	Isotope-Labeled Compounds; Histamine Receptor
Pathway:	Others; GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyclizine-d₃ is deuterium labeled Cyclizine. Cyclizine, a piperazine-derivative, is a potent and selective histamine H₁ receptor antagonist. Cyclizine can be used for the research of nausea, vomiting, and dizziness^{[1][2][3][4]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Králová J, et, al. The effects of H₁-antihistamines on the nitric oxide production by RAW 264.7 cells with respect to their lipophilicity. *Int Immunopharmacol*. 2009 Jul;9(7-8):990-5.
- [3]. Church MK, et, al. Inhibition of histamine release from human lung in vitro by antihistamines and related drugs. *Br J Pharmacol*. 1980 Aug;69(4):663-7.
- [4]. Leza JC, et, al. Effects of antihistaminics on locomotor activity in mice. Comparison with opiate and amphetamine-induced hyperactivity. *Gen Pharmacol*. 1991;22(2):293-6.

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

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