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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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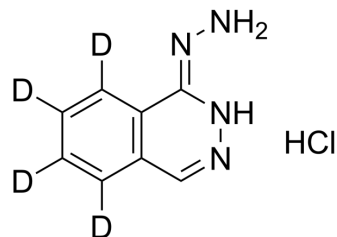
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Hydralazine-d₄ hydrochloride

Cat. No.:	HY-B0464S
CAS No.:	2749234-32-8
Molecular Formula:	C ₈ H ₅ D ₄ ClN ₄
Molecular Weight:	200.66
Target:	HIF/HIF Prolyl-Hydroxylase; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Hydralazine-d ₄ hydrochloride is the deuterium labeled Hydralazine hydrochloride. Hydralazine hydrochloride is a direct-acting vasodilator that is used as an antihypertensive agent.
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019;53(2):211-216.
- [2]. Bourreli, B., et al., Additive effects of dihydralazine during enflurane or isoflurane hypotensive anaesthesia for spinal fusion. *Can J Anaesth*, 1988. 35(3 (Pt 1)): p. 242-8.
- [3]. Kandler, M.R., et al., Hydralazine for essential hypertension. *Cochrane Database Syst Rev*, 2010(8): p. CD004934.

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

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