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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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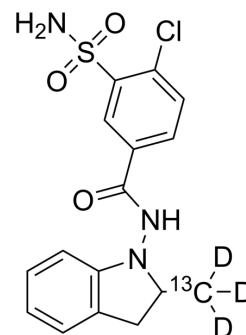
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Indapamide-¹³C,₃D₃

Cat. No.:	HY-B0259S1
CAS No.:	2934053-07-1
Molecular Formula:	C ₁₅ ¹³ CH ₁₃ D ₃ ClN ₃ O ₃ S
Molecular Weight:	369.85
Target:	Isotope-Labeled Compounds; Potassium Channel
Pathway:	Others; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Indapamide-¹³C,₃D₃ is ¹³C and deuterium labeled Indapamide. Indapamide is an orally active sulphonamide diuretic agent, that can reduce blood pressure by decreasing vascular reactivity and peripheral vascular resistance. Indapamide is also can reduce left ventricular hypertrophy^{[1][4][5]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Chaffman, M, et, al. Indapamide. *Drugs* 28, 189–235 (1984).
- [3]. Furman BL, et, al. A further examination of the possible effects of indapamide on glucose tolerance and insulin secretion in the rat and mouse. *J Pharm Pharmacol*. 1981 Nov;33(11):735-7.
- [4]. Lalande A, et, al. Indapamide, a thiazide-like diuretic, decreases bone resorption in vitro. *J Bone Miner Res*. 2001 Feb;16(2):361-70.
- [5]. Ma F, et, al. Indapamide lowers blood pressure by increasing production of epoxyeicosatrienoic acids in the kidney. *Mol Pharmacol*. 2013 Aug;84(2):286-95.

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

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