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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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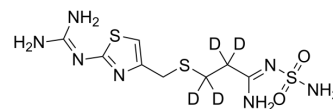
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Famotidine-d₄

Cat. No.:	HY-W707517
CAS No.:	2707433-64-3
Molecular Formula:	C ₈ H ₁₁ D ₄ N ₇ O ₂ S ₃
Molecular Weight:	341.47
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

Famotidine-d₄ (MK-208-d₄) is deuterium labeled Famotidine. Famotidine (MK-208) is a competitive histamine H₂-receptor antagonist. Its main pharmacodynamic effect is the inhibition of gastric secretion^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Inan, A., et al., Effects of the histamine H₂ receptor antagonist famotidine on the healing of colonic anastomosis in rats. Clinics (Sao Paulo), 2009. 64(6): p. 567-70.
- [3]. Miyata, K., et al., Studies on the mechanism for the gastric mucosal protection by famotidine in rats. Jpn J Pharmacol, 1991. 55(2): p. 211-22.

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

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