



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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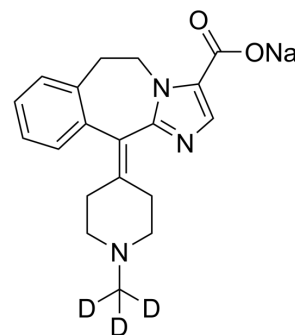
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Alcaftadine carboxylic acid-d₃ sodium

Cat. No.:	HY-124356AS
Molecular Formula:	C ₁₉ H ₁₇ D ₃ N ₃ NaO ₂
Molecular Weight:	348.39
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

Alcaftadine carboxylic acid-d₃ (sodium) is deuterium labeled Alcaftadine carboxylic acid. Alcaftadine carboxylic acid is a broad-spectrum antihistamine compound with high affinity for histamine H1 and H2 receptors and low affinity for H4 receptors. Alcaftadine carboxylic acid has also demonstrated effects on modulating immune cell recruitment and stabilizing mast cells. Alcaftadine carboxylic acid is more effective than placebo in preventing ocular itching associated with allergic conjunctivitis and is at least as effective as olopatadine 0.01%^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Alcaftadine: a topical antihistamine for use in allergic conjunctivitis

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

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