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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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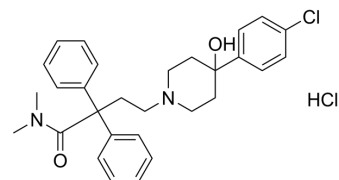
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Loperamide hydrochloride (Standard)

Cat. No.:	HY-B0418AR
CAS No.:	34552-83-5
Molecular Formula:	C ₂₉ H ₃₄ Cl ₂ N ₂ O ₂
Molecular Weight:	513.5
Target:	Opioid Receptor; Autophagy
Pathway:	GPCR/G Protein; Neuronal Signaling; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (97.37 mM; Need ultrasonic)
H₂O : 1 mg/mL (1.95 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9474 mL	9.7371 mL	19.4742 mL
	5 mM		0.3895 mL	1.9474 mL	3.8948 mL
	10 mM		0.1947 mL	0.9737 mL	1.9474 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Loperamide (hydrochloride) (Standard) is the analytical standard of Loperamide (hydrochloride). This product is intended for research and analytical applications. Loperamide (hydrochloride) (R-18553 (hydrochloride)) is an opioid receptor agonist [1][2][3]. Loperamide hydrochloride is a selective and competitive human intestinal carboxylesterases (hiCE) inhibitor. Loperamide hydrochloride has anti-diarrheal effect^[4].

CUSTOMER VALIDATION

- J Transl Med. 2021 Jul 23;19(1):317.
- Viruses. 2021 Jun 28;13(7):1255.
- J Appl Microbiol. 2023 Jul 22;lxad153.

See more customer validations on www.MedChemExpress.com

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

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