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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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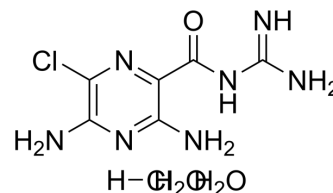
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Amiloride hydrochloride dihydrate (Standard)

Cat. No.:	HY-B0285BR
CAS No.:	17440-83-4
Molecular Formula:	C ₆ H ₁₃ Cl ₂ N ₇ O ₃
Molecular Weight:	302.12
Target:	Apoptosis; Sodium Channel; TRP Channel
Pathway:	Apoptosis; Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Amiloride hydrochloride dihydrate (Standard) is the analytical standard of Amiloride hydrochloride dihydrate. This product is intended for research and analytical applications. Amiloride hydrochloride dihydrate (MK-870 hydrochloride dihydrate) is an inhibitor of both epithelial sodium channel (ENaC ^[1]) and urokinase-type plasminogen activator receptor (uTPA ^[2]). Amiloride hydrochloride dihydrate is a blocker of polycystin-2 (PC2; TRPP2 ^[3]) channel.
IC₅₀ & Target	ENaC ^[1] ; uTPA ^[2] ; polycystin-2(TRPP2) ^[3]

REFERENCES

- [1]. Miller RL, et al. Blockade of ENaCs by amiloride induces c-Fos activation of the area postrema. *Brain Res.* 2015 Mar 19;1601:40-51.
- [2]. Xu LB, et al. Amiloride, a urokinase-type plasminogen activator receptor (uTPA) inhibitor, reduces proteinuria in podocytes. *Genet Mol Res.* 2015 Aug 14;14(3):9518-29.
- [3]. Giamarchi A, et al. A polycystin-2 (TRPP2) dimerization domain essential for the function of heteromeric polycystin complexes. *EMBO J.* 2010 Apr 7;29(7):1176-91.

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

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