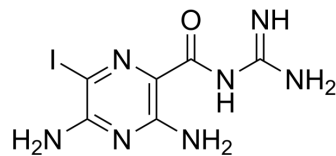


6-Iodoamiloride

Cat. No.:	HY-155017
CAS No.:	60398-23-4
Molecular Formula:	C ₆ H ₈ IN ₇ O
Molecular Weight:	321.08
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6-Iodoamiloride is a potent acid-sensing ion channel 1 (ASIC1) inhibitor with an IC ₅₀ of 88 nM. 6-Iodoamiloride inhibits ASIC3-mediated currents from rat dorsal root ganglion neurons with an IC ₅₀ of 230 nM ^[1] .
IC ₅₀ & Target	IC50: 88 nM (ASIC1) ^[1]

REFERENCES

[1]. Rocio K Finol-Urdaneta, et al. Automated Patch Clamp Screening of Amiloride and 5- N, N-Hexamethyleneamiloride Analogs Identifies 6-Iodoamiloride as a Potent Acid-Sensing Ion Channel Inhibitor. Mol Pharm. 2023 Jul 3;20(7):3367-3379.

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

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