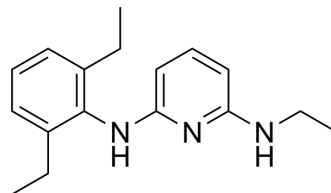


PptT-IN-4

Cat. No.:	HY-149305
CAS No.:	2948309-57-5
Molecular Formula:	C ₁₇ H ₂₃ N ₃
Molecular Weight:	269.38
Target:	Bacterial; Potassium Channel; Calcium Channel; Sodium Channel
Pathway:	Anti-infection; Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PptT-IN-4 (Compound 3a) is a PptT inhibitor (IC₅₀: 0.71 μM). PptT-IN-4 inhibits Mtb H37Rv with a MIC value of 42 μM. PptT-IN-4 also inhibits hERG, hCav1.2, and hNav1.5 channels with IC₅₀s of 11 μM, 8.1 μM, 6.9 μM respectively^[1].

REFERENCES

[1]. Ottavi S, et al. Mycobacterium tuberculosis PptT Inhibitors Based on Heterocyclic Replacements of Amidinoureas. ACS Med Chem Lett. 2023 Jun 26;14(7):970-976.

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

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