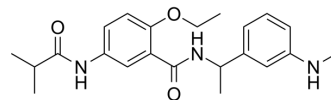


Kv2.1-IN-1

Cat. No.:	HY-161104
CAS No.:	2252448-93-2
Molecular Formula:	C ₂₂ H ₂₉ N ₃ O ₃
Molecular Weight:	383.48
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Kv2.1-IN-1 (compound 80) is a potent inhibitor of Kv2.1, with the IC₅₀ value of 0.07 μM, selectivity >130 fold over other K⁺, Na⁺, and Ca²⁺ ion channels^[1].

REFERENCES

[1]. Jie Zhou, et al. Discovery of 2-Ethoxy-5-isobutyramido-N-1-substituted Benzamide Derivatives as Selective Kv2.1 Inhibitors with In Vivo Neuroprotective Effects. J Med Chem. 2023 Dec 27.

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

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