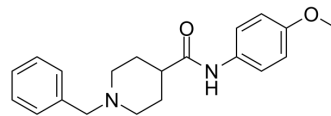


DDO-02001

Cat. No.:	HY-144802
CAS No.:	1186049-49-9
Molecular Formula:	C ₂₀ H ₂₄ N ₂ O ₂
Molecular Weight:	324.42
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	DDO-02001 is a moderately potent Kv1.5 potassium channel inhibitor with an IC ₅₀ value of 17.7 μM. DDO-02001 can be used for researching anti-arrhythmia ^[1] .
IC ₅₀ & Target	IC ₅₀ : 17.7 μM (Kv1.5 potassium channel) ^[1]

REFERENCES

[1]. Zhao L, et al. Design, synthesis, and biological evaluation of arylmethylpiperidines as Kv1.5 potassium channel inhibitors. J Enzyme Inhib Med Chem. 2022;37(1):462-471.

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

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