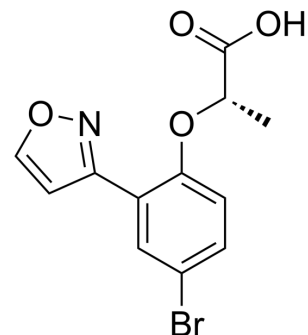


NMD670

Cat. No.:	HY-158183
CAS No.:	2354321-33-6
Molecular Formula:	C ₁₂ H ₁₀ BrNO ₄
Molecular Weight:	312.12
Target:	Chloride Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NMD670 is an orally active partial inhibitor of the skeletal muscle-specific chloride channel CIC-1. NMD670 increases muscle excitability in response to movement commands, enhances neuromuscular transmission, restores muscle function and improves muscle mobility. NMD670 has a favorable safety profile and improves muscle function in rats in a MG rat model^[1].

REFERENCES

[1]. Skov M, et al. The CIC-1 chloride channel inhibitor NMD670 improves skeletal muscle function in rat models and patients with myasthenia gravis. *Sci Transl Med.* 2024 Mar 20;16(739):eadk9109.

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

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