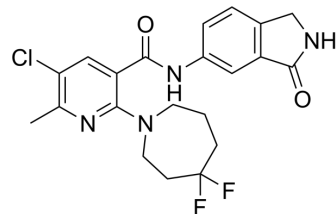


Analgesic agent-2

Cat. No.:	HY-149944
Molecular Formula:	C ₂₁ H ₂₁ ClF ₂ N ₄ O ₂
Molecular Weight:	434.87
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	Analgesic agent-2 is a selective and orally active NaV1.8 Channel inhibitor, with an IC ₅₀ of 50.18 nM in HEK293 cells stably expressing human NaV1.8 channel. Analgesic agent-2 has analgesic activity ^[1] .
IC ₅₀ & Target	NaV1.8 ^[1]

REFERENCES

[1]. Qin H, et al. Discovery of selective NaV1.8 inhibitors based on 5-chloro-2-(4,4-difluoroazepan-1-yl)-6-methyl nicotinamide scaffold for the treatment of pain. Eur J Med Chem. 2023 Jun 5;254:115371.

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

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