MCE ®

Nav1.8-IN-2

Cat. No.: HY-143481 CAS No.: 2756250-30-1 Molecular Formula: $C_{18}H_{13}Cl_2F_3N_2O_3$

Molecular Weight: 433.21

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	Nav1.8-IN-2 (compound 35A) is a potent Na _v 1.8 inhibitor with an IC ₅₀ value of 0.4 nM. Nav1.8-IN-2 can be used for researching pain disorders, cough disorders, and acute and chronic itch disorders ^[1] .
IC ₅₀ & Target	$ m Na_{v}1.8$ 0.4 nM (IC $_{50}$)

REFERENCES

[1]. Sabnis RW. 2-Oxooxazolidine-5-carboxamides as Nav1.8 Inhibitors for Treating Pain Disorders, Cough Disorders, and Acute and Chronic Itch Disorders. ACS Med Chem Lett. 2022;13(3):334-335. Published 2022 Mar 1.

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

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