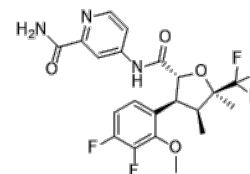


Product Name : VX-548
Cat. No. : PC-22639
CAS No. : 2649467-58-1
Molecular Formula : C₂₁H₂₀F₅N₃O₄
Molecular Weight : 473.40
Target : Sodium Channel
Solubility : 10 mM in DMSO



CAS: 2649467-58-1

Biological Activity

VX-548 (Suzetrigine) is a potent, highly selective and orally bioavailable inhibitor of NaV1.8 voltage-gated sodium channel with IC₅₀ of 0.7 nM.

VX-548 (Suzetrigine) displays 31,000-fold selectivity over all other NaV subtypes (i.e., NaV1.1 to NaV1.7, and NaV1.9) in recombinant cells.

VX-548 (Suzetrigine) shows subnanomolar potency in primary neurons isolated from human dorsal-root ganglia.

In two phase 2 clinical trials of postoperative pain, as compared with placebo, the highest dose, but not lower doses, of VX-548 reduced pain over a 48-hour period.

References

Jones J, et al. N Engl J Med. 2023 Aug 3;389(5):393-405.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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