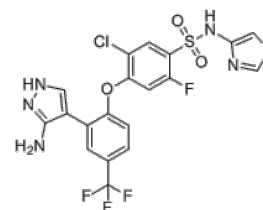


Product Name : PF-05198007
Cat. No. : PC-63175
CAS No. : 1235406-19-5
Molecular Formula : C₁₉H₁₂ClF₄N₅O₃S₂
Molecular Weight : 533.901
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

PF-05198007 is a potent, state-dependent, subtype selective **Nav1.7** inhibitor with IC₅₀ of 9 nM, with no significant activity against Nav1.5 (IC₅₀>10 μM).

PF-05198007 increases action potential rheobase in small diameter mDRG neurons, demonstrates in vivo efficacy in a mouse capsaicin-induced neurogenic flare model.

References

Swain NA, et al. *J Med Chem*. 2017 Aug 24;60(16):7029-7042.

Alexandrou AJ, et al. *PLoS One*. 2016 Apr 6;11(4):e0152405.

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

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