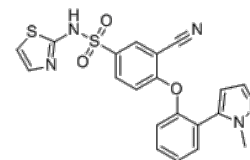


Product Name : PF-04856264
Cat. No. : PC-61853
CAS No. : 1235397-05-3
Molecular Formula : C₂₀H₁₅N₅O₃S₂
Molecular Weight : 437.5
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

PF-04856264 is a potent, selective **Nav1.7** blocker with IC₅₀ of 28 nM, displays >1,000-fold selectivity over Nav1.5. PF-04856264 state-dependently and selectively inhibits Nav1.7 and significantly reduces OD1-induced spontaneous pain when delivered locally and systemically.

References

McCormack K, et al. *Proc Natl Acad Sci U S A*. 2013 Jul 16;110(29):E2724-32.

Deuis JR, et al. *Toxins (Basel)*. 2016 Mar 17;8(3). pii: E78.

Deuis JR, et al. *Sci Rep*. 2017 Jan 20;7:40883.

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

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