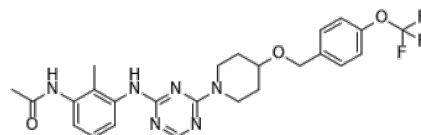


Product Name : TC-N1752
Cat. No. : PC-27183
CAS No. : 1211866-85-1
Molecular Formula : C₂₅H₂₇F₃N₆O₃
Molecular Weight : 516.53
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

TC-N1752 is a potent, state-dependent and orally active inhibitor of voltage gated sodium channel Nav1.7 with IC₅₀ of 0.17 uM, 0.3 uM, 0.4 uM, 1.1 uM and 2.2 uM for hNav1.7, hNav1.3, hNav1.4, hNav1.5 and rNav1.8, respectively, displays analgesic efficacy in the formalin pain model.

References

Howard Bregman, et al. J Med Chem. 2011 Jul 14;54(13):4427-45.

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

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