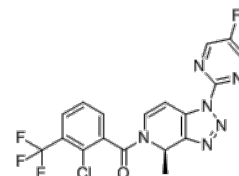


Product Name : JNJ-54175446
Cat. No. : PC-61622
CAS No. : 1627902-21-9
Molecular Formula : C₁₈H₁₃ClF₄N₆O
Molecular Weight : 438.771
Target : P2X Receptor
Solubility : 10 mM in DMSO



Biological Activity

JNJ-54175446 is a potent and selective, brain penetrant **P2X7** ion channel antagonist with pIC₅₀ of 8.46 and 8.81 for hP2X7 and rP2X7, respectively.

JNJ-54175446 exhibits an excellent pharmacokinetic profile, good partitioning into the CNS and shows robust in vivo target engagement; orally active.

References

Letavic MA, et al. *J Med Chem.* 2017 Jun 8;60(11):4559-4572.

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

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