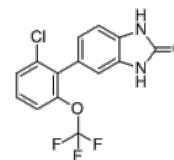


Product Name : JNJ-55511118
Cat. No. : PC-35601
CAS No. : 2036081-86-2
Molecular Formula : C₁₄H₈ClF₃N₂O₂
Molecular Weight : 328.675
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

JNJ-55511118 (JNJ55511118) is a selective, orally available **AMPA** receptor containing **TARP-γ8** negative modulator with K_i of 26 nM, displays no significant activity against other TARP-less AMPARs and AMPARs coexpressed with other TARPs or CNH2.

JNJ-55511118 demonstrates excellent pharmacokinetic properties and achieves high receptor occupancy following oral administration.

JNJ-55511118 exhibits a strong reduction in certain bands on electroencephalogram, transient hyperlocomotion, no motor impairment on rotarod, and a mild impairment in learning and memory in vivo.

References

Maher MP, et al. *J Pharmacol Exp Ther*. 2016 May;357(2):394-414.

Ravula S, et al. *ACS Med Chem Lett*. 2018 Jul 13;9(8):821-826.

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

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