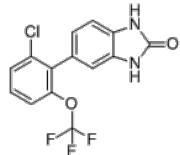


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<b>Product Name</b>	:	JNJ-55511118
<b>Cat. No.</b>	:	PC-35601
<b>CAS No.</b>	:	2036081-86-2
<b>Molecular Formula</b>	:	C <sub>14</sub> H <sub>8</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	:	328.675
<b>Target</b>	:	iGluR
<b>Solubility</b>	:	10 mM in DMSO



## Biological Activity

JNJ-55511118 (JNJ55511118) is a selective, orally available **AMPA** receptor containing **TARP-γ8** negative modulator with Ki of 26 nM, displays no significant activity against other TARP-less AMPARs and AMPARs coexpressed with other TARPs or CNIH2.

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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