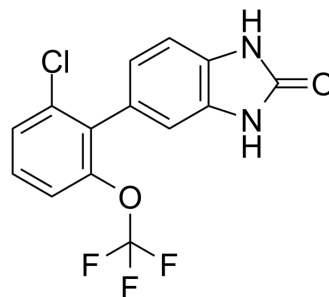


JNJ-55511118

Cat. No.:	HY-118424
CAS No.:	2036081-86-2
Molecular Formula:	C ₁₄ H ₈ ClF ₃ N ₂ O ₂
Molecular Weight:	328.67
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

JNJ-55511118 is a highly potent, reversible, and selective AMPA receptor inhibitor selective for TARP-γ8. JNJ-55511118 fully displaces the radioligand (20 nM) with the K_i of 26 nM in competition binding experiments. JNJ-55511118 is a tool molecule with potential therapeutic utility as an anticonvulsant or neuroprotectant^[1].

REFERENCES

[1]. Michael P Maher, et al. Discovery and Characterization of AMPA Receptor Modulators Selective for TARP-γ8. *J Pharmacol Exp Ther.* 2016 May;357(2):394-414.

Caution: Product has not been fully validated for medical applications. For research use only.

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