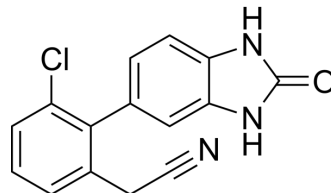


JNJ-56022486

Cat. No.:	HY-124160
CAS No.:	2036082-79-6
Molecular Formula:	C ₁₅ H ₁₀ ClN ₃ O
Molecular Weight:	283.71
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-56022486 is an orally active and potent negative AMPA receptor modulator ($K_i=19$ nM) selective for γ 8-TARP. JNJ-56022486 is also a γ 8-TARP receptor antagonist, with blood-brain barrier (BBB) permeability. JNJ-56022486 can be used for research of Epilepsy^{[1][2]}.

REFERENCES

- [1]. Maher MP, et al. Discovery and Characterization of AMPA Receptor Modulators Selective for TARP- γ 8. *J Pharmacol Exp Ther*. 2016 May;357(2):394-414.
- [2]. Rosenbaum MI, et al. Targeting receptor complexes: a new dimension in drug discovery. *Nat Rev Drug Discov*. 2020 Dec;19(12):884-901.

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

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