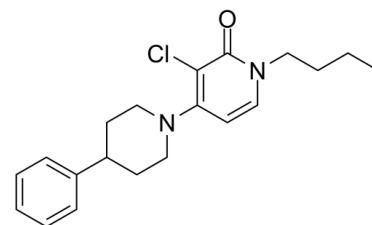


Data Sheet

Product Name:	JNJ-40411813
Cat. No.:	CS-3357
CAS No.:	1127498-03-6
Molecular Formula:	C ₂₀ H ₂₅ ClN ₂ O
Molecular Weight:	344.88
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : 25 mg/mL (72.49 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

JNJ-40411813 (ADX-71149) is a novel positive allosteric modulator of the **metabotropic Glutamate 2 receptor (mGlu2R)** with EC₅₀ of 147 nM.

References:

[1]. Cid JM, et al. Discovery of 1-Butyl-3-chloro-4-(4-phenyl-1-piperidinyl)-(1H)-pyridone (JNJ-40411813): A Novel Positive Allosteric Modulator of the Metabotropic Glutamate 2 Receptor. J Med Chem. 2014 Aug 14;57(15):6495-512.

CAIndexNames:

2(1H)-Pyridinone, 1-butyl-3-chloro-4-(4-phenyl-1-piperidinyl)-

SMILES:

O=C1C(Cl)=C(N2CCC(C3=CC=CC=C3)CC2)C=CN1CCCC

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

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