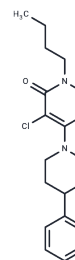


JNJ-40411813

Chemical Properties

CAS No. : 1127498-03-6
 Formula: C₂₀H₂₅ClN₂O
 Molecular Weight: 344.88
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	JNJ-40411813 (ADX-71149) (ADX-71149) is a new positive allosteric modulator of the metabotropic glutamate 2 receptor (mGlu2R, EC50: 147 nM).
Targets(IC50)	GluR

Solubility Information

Solubility	DMSO: 24 mg/mL (69.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8996 mL	14.4978 mL	28.9956 mL
5 mM	0.5799 mL	2.8996 mL	5.7991 mL
10 mM	0.290 mL	1.4498 mL	2.8996 mL
50 mM	0.058 mL	0.290 mL	0.5799 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

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