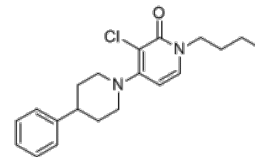


Product Name : JNJ-40411813
Cat. No. : PC-61513
CAS No. : 1127498-03-6
Molecular Formula : C₂₀H₂₅ClN₂O
Molecular Weight : 344.883
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

JNJ-40411813 (ADX71149) is a novel potent positive allosteric modulator of **mGlu2** with EC₅₀ of 147 nM. JNJ-40411813 displays >30-fold selectivity over mGlu1 and mGlu3-8, 10-fold over 5-HT_{2A}. JNJ-40411813 displays an optimal interplay between potency, selectivity, favorable ADMET/PK and cardiovascular safety profile, and central EEG activity; has been investigated in the clinic for schizophrenia and anxious depression disorders.

References

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- Ahnaou A, et al. *Neuropharmacology*. 2016 Apr;103:290-305.
- Lavreysen H, et al. *Pharmacol Res Perspect*. 2015 Mar;3(2):e00097.
- Kent JM, et al. *Prog Neuropsychopharmacol Biol Psychiatry*. 2016 Jun 3;67:66-73.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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