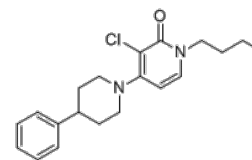


**Product Name** : JNJ-40411813  
**Cat. No.** : PC-61513  
**CAS No.** : 1127498-03-6  
**Molecular Formula** : C<sub>20</sub>H<sub>25</sub>ClN<sub>2</sub>O  
**Molecular Weight** : 344.883  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

JNJ-40411813 is a novel potent positive allosteric modulator of **mGlu2** with EC<sub>50</sub> of 147 nM.

JNJ-40411813 displays >30-fold selectivity over mGlu1 and mGlu3-8, 10-fold over 5-HT<sub>2A</sub>.

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

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