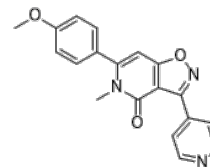


**Product Name** : MMPIP  
**Cat. No.** : PC-27730  
**CAS No.** : 479077-02-6  
**Molecular Formula** : C<sub>19</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 333.35  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



### Biological Activity

MMPIP is a selective, allosteric metabotropic glutamate receptor 7 (**mGluR7**) antagonist / negative allosteric modulator with Kb value of 24-30 nM.

MMPIP hydrochloride reversed antidepressant-like effects of AMN082 in rats.

MMPIP hydrochloride alleviates pain and normalizes affective and cognitive behavior in neuropathic mice.

### References

Kotlinska JH, et al. *Eur J Pharmacol*. 2019 Sep 5;858:172512.

Palazzo E, et al. *Pain*. 2015 Jun;156(6):1060-1073.

Pałucha-Poniewiera A, et al. *Behav Brain Res*. 2013 Feb 1;238:109-12.

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

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