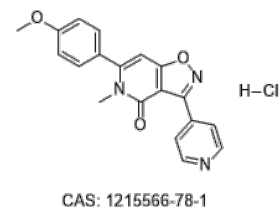


Product Name : MMPIP hydrochloride
Cat. No. : PC-22271
CAS No. : 1215566-78-1
Molecular Formula : C₁₉H₁₆ClN₃O₃
Molecular Weight : 369.81
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

MMPIP hydrochloride is a selective, allosteric metabotropic glutamate receptor 7 (mGluR7) antagonist / negative allosteric modulator with K_b 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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