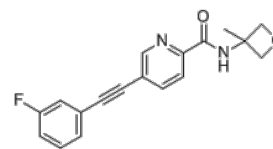


Product Name : ML254
Cat. No. : PC-38454
CAS No. : 1428630-86-7
Molecular Formula : C₁₈H₁₅FN₂O₂
Molecular Weight : 310.32
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

ML254 (VU0430644) is a potent, selective metabotropic glutamate receptor 5 (mGlu5) positive allosteric modulator with EC₅₀ of 9.3 nM.

ML254 is highly selective for mGlu5 versus other mGlu receptors, as well as a panel of 68 GPCRs, ion channels and transporters.

ML254 demonstrates a robust reversal of amphetamine induced hyperlocomotion at a single dose in an in vivo model of psychosis.

References

Turlington M, et al. J Med Chem. 2013 Oct 24;56(20):7976-96.

Zhou Y, et al. Bethesda (MD): National Center for Biotechnology Information (US); 2010-.

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

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