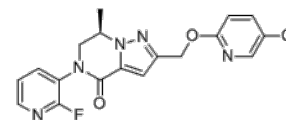


Product Name : VU 0650786
Cat. No. : PC-60936
CAS No. : 1809085-30-0
Molecular Formula : C₁₈H₁₅ClFN₅O₂
Molecular Weight : 387.799
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

VU 0650786 (VU0650786, VU-0650786) is a potent and selective, CNS penetrant **mGlu3** negative allosteric modulator with IC₅₀ of 392 nM, with no significant activity against other mGlu_s (IC₅₀>10 μM).

VU 0650786 displays suitability for use in rodent behavioral models, and demonstrates efficacy in models in vivo.

VU 0650786 reverses disrupted contextual fear memory caused by mGlu_{2/3} agonist LY379268 in vivo.

References

Engers JL, et al. *J Med Chem*. 2015 Sep 24;58(18):7485-500.

Walker AG, et al. *Neuropsychopharmacology*. 2017 Dec;42(13):2553-2566.

Engers JL, et al. *ACS Med Chem Lett*. 2017 Aug 15;8(9):925-930.

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

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