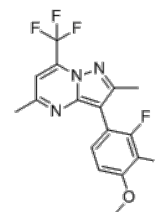


Product Name : VU6005649
Cat. No. : PC-60162
CAS No. : 2137047-43-7
Molecular Formula : C₁₆H₁₂F₅N₃O
Molecular Weight : 357.284
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

VU6005649 is a potent, CNS penetrant, dual **mGlu7/8** positive allosteric modulator with EC₅₀ of 0.65/2.6 uM, respectively. VU6005649 displays no activity for mGlu4 (EC₅₀>10 uM). VU6005649 shows modest but significant pro-cognitive effects on associative learning in wild type mice.

References

Abe M, et al. *ACS Med Chem Lett*. 2017 Sep 1;8(10):1110-1115.

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

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