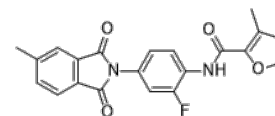


Product Name : VU6004909
Cat. No. : PC-23781
CAS No. : 1860797-76-7
Molecular Formula : C₂₁H₁₅FN₂O₄
Molecular Weight : 378.36
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

VU6004909 is a selective, CNS penetrant metabotropic glutamate receptor subtype 1 (mGlu1) positive allosteric modulator (PAM) with EC₅₀ of 25.7 nM and 31 nM for human and rat mGlu1 respectively.

VU6004909 reduces dorsolateral striatal dopamine (DA) release in vivo and displays antipsychotic efficacy.

References

Luessen DJ, et al. *Neuropsychopharmacology*. 2022 Sep;47(10):1826-1835.

Garcia-Barrantes PM, et al. *Bioorg Med Chem Lett*. 2016 Feb 1;26(3):751-756.

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

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