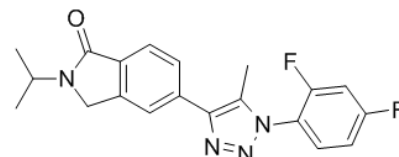


Product Name : DFMTI
Cat. No. : PC-42136
CAS No. : 864864-86-8
Molecular Formula : C₂₀H₁₈F₂N₄O
Molecular Weight : 368.3799
Target : mGluR
Solubility : 10 mM in DMSO
4. Hostetler E, et al. Synapse. 2011 Feb;65(2):125-35.



Biological Activity

A potent, selective, brain penetrant and orally active mGluR1 antagonist with 4.3 nM and 3.6 nM for huam and rat mGluR1, respectively; display liitle to no activity for mGluR5, mGluR2 and mGluR8; has improved in vivo DMPK profiles and shows antipsychotic-like effect at a dose of 1 mg/kg in an animal model.

References

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Cho HP, et al. ACS Chem Neurosci. 2014 Jul 16;5(7):597-610.
Satoh A, et al. Bioorg Med Chem Lett. 2009 Sep 15;19(18):5464-8.

