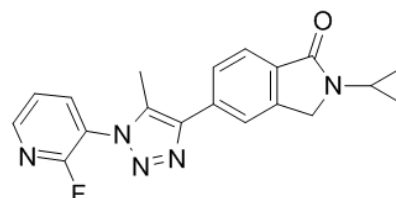


Product Name : CFMTI
Cat. No. : PC-42134
CAS No. : 864864-17-5
Molecular Formula : C₁₉H₁₆FN₅O
Molecular Weight : 349.3616
Target : mGluR
Solubility : DMSO: 6.2 mg/mL (Need warming)



Biological Activity

CFMTI is a potent, selective, allosteric and oral **mGluR1** antagonist with IC₅₀ of 2.6 and 2.3 nM for human and rat mGluR1, respectively.

CFMTI displays >2,000-fold selectivity over mGluR5, and no activity for other mGluR subtypes.

CFMTI reduces methamphetamine-induced hyperlocomotion and MK-801-induced social withdrawal without any cataleptogenic activities in mice.

References

Satow A, et al. *J Pharmacol Exp Ther.* 2009 Jul;330(1):179-90.

Hikichi H, et al. *Eur J Pharmacol.* 2010 Aug 10;639(1-3):99-105.

Suzuki G, et al. *Neuroscience.* 2010 Jul 14;168(3):787-96.

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

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