

Product Datasheet

TP-050 (orb1744126)

Catalog Number	orb1744126
Description	TP-050 is a potent, selective NMDAR agonist that is orally active, showing EC50 values of 0.51 μ M for GluN2A and 9.6 μ M for GluN2D. This compound can cross the blood-brain barrier (BBB), enhancing hippocampal long-term (LTP) potentiation and neuronal signal transmission.
Storage	-20°C
Note	For research use only
Formula	C ₁₆ H ₁₅ ClF ₂ N ₆ O
Purity	98.00%
MW	380.78
SMILES	<chem>CC1=CN(C(=O)C2=CC(=NN12)CN3C(=CC(=N3)C(F)F)Cl)[C@H](C)CC#N</chem>
Expiration Date	12 months from date of receipt.

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