
QNZ46

产品编号: D61227

CAS: 1237744-13-6

分子式: C₂₄H₁₇N₃O₆

纯度: 98%

InChi Key: InChIKey=GNLVJIICVWDSNI-LFYBBSHMSA-N

Smiles: COc1ccc2nc(\C=C\c3cccc(c3)[N+])([O-])=O)n(-c3ccc(cc3)C(O)=O)c(=O)c2c1

外观: 固体粉末

作用通路: Membrane transporter/Ion channel

作用靶点: iGluR; NMDAR

溶解性: DMSO: ≥ 4.5 mg/mL (10.15 mM)

保存条件: RT

产品介绍: QNZ46 is a NR2C/NR2D-selective NMDA receptor non-competitive antagonist (IC₅₀ values are 3, 6, 229, and >300, >300 μM for NR2D, NR2C, NR2A, NR2B, and GluR1, respectively). IC₅₀ value: 3 μM (for NR2D), 6 μM (for NR2C), 229 μM (for NR2D NR2A) Target: NR2D, NR2C, NR2A in vitro: QNZ46 is a noncompetitive inhibitor of GluN2C/D containing NMDA receptors. K_D and IC₅₀ values for binding and inhibition of GluN1/GluN2D receptors by QNZ46 are 4.9 and 3.9 μM, respectively. QNZ46 does not compete for binding of glutamate or glycine, but QNZ46 receptor binding requires the binding of glutamate to the GluN2 subunit.