
JHU 37152

产品编号: D51681

CAS: 2369979-67-7

分子式: C₁₉H₂₀ClFN₄

纯度: ≥98%

InChi: InChI=1S/C₁₉H₂₀ClFN₄/c1-2-24-8-10-25(11-9-24)19-18-14(21)4-3-5-16(18)22-15-7-6-13(20)12-17(15)23-19/h3-7,12,22H,2,8-11H₂,1H₃

InChi Key: NZMZJNNWMSYDNX-UHFFFAOYSA-N

Smiles: CCN1CCN(CC1)C1=NC2=CC(Cl)=CC=C2NC2=CC=CC(F)=C21

外观: 固体粉末

作用通路: mAChR

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: High affinity and highly potent activator of hM3Dq and hM4Di DREADDs (K_i values are 1.8 nM and 8.7 nM for hM3Dq and hM4Di in vitro, respectively; EC₅₀ values are 5 nM and 0.5 nM for hM3Dq and hM4Di in vitro, respectively). Selectively displaces [³H]clozapine from DREADDs in vivo, but not from other clozapine binding sites. Inhibits locomotor activity in mice expressing hM3Dq and hM4Di in D1-expressing neurons. Brain penetrant in mice, rats and non-human primates.