
ML417

产品编号: D62670

CAS: 1386162-69-1

分子式: $C_{22}H_{25}N_3O_3$

纯度: 98%

InChi Key: InChiKey=HAZPAMUWUHPDA-UHFFFAOYSA-N

Smiles: COC1ccc(OCCN2CCN(CC2)C(=O)c2cc3ccccc3[nH]2)cc1

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: Dopamine Receptor

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: ML417 is a selective and brain penetrant D3 dopamine receptor (D3R) agonist, with an EC50 of 38 nM. ML417 potently promotes D3R-mediated β -arrestin translocation, G protein mediated signaling, and pERK phosphorylation with minimal effects on other GPCR-mediated signaling. ML417 exhibits neuroprotection against toxin-induced neurodegeneration of dopaminergic neurons