
TG6-10-1

产品编号: D51237

CAS: 1415716-58-3

分子式: C₂₃H₂₃F₃N₂O₄

纯度: ≥98%

InChi: InChi=1S/C₂₃H₂₃F₃N₂O₄/c1-30-18-12-15(13-19(31-2)22(18)32-3)8-9-21(29)27-10-11-28-17-7-5-4-6-16(17)14-20(28)23(24,25)26/h4-9,12-14H,10-11H₂,1-3H₃, (H,27,29)/b9-8+

InChi Key: WUYOECAJFJFUFC-CMDGGOBGSA-N

Smiles: COC1C(=CC(=CC=1OC)/C=C/C(=O)NCCN1C2=CC=CC=C2C=C1C(F)(F)F)OC

外观: 固体粉末

作用通路: 5-HT Receptor

溶解性: Soluble in DMSO, not in water

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

产品介绍: TG6-10-1 is a potent and selective antagonist for the prostaglandin E2 receptor subtype EP2. Systemic administration of TG6-10-1 completely recapitulates the effects of conditional ablation of cyclooxygenase-2 from principal forebrain neurons, namely reduced delayed mortality, accelerated recovery from weight loss, reduced brain inflammation, prevention of blood-brain barrier opening, and neuroprotection in the hippocampus, without modifying seizures acutely. TG6-10-1 shows low-nanomolar antagonist activity against EP2.