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## CMPD101

产品编号: D51424

CAS: 865608-11-3

分子式: C<sub>24</sub>H<sub>21</sub>F<sub>3</sub>N<sub>6</sub>O

纯度: ≥98%

InChi: InChi=1S/C<sub>24</sub>H<sub>21</sub>F<sub>3</sub>N<sub>6</sub>O/c1-33-21(31-32-22(33)16-9-11-28-12-10-16)15-29-19-7-4-6-17(13-19)  
23(34)30-14-18-5-2-3-8-20(18)24(25,26)27/h2-13,29H,14-15H<sub>2</sub>,1H<sub>3</sub>,1H,30,34

InChi Key: WFOVEDJTASPCIR-UHFFFAOYSA-N

Smiles: CN1C(=NN=C1CNC1C=C(C=CC=1)C(=O)NCC1C=CC=CC=1C(F)(F)F)C1C=CN=CC=1

外观: 固体粉末

作用通路: PKC

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: CMPD101 is a novel, potent and selective G-protein coupled receptor kinase 2 and 3 (GRK2/GRK3) inhibitor (IC<sub>50</sub> values are 35 and 32 nM at GRK2 and GRK3 respectively). CMPD101 exhibits selectivity for GRK2/3 over GRK1/5 and reduces DAMGO-induced desensitization and internalization of μ-opioid receptors. CMPD101 has been shown to potentiate phosphatidylinositol 4,5-bisphosphate (PIP<sub>2</sub>) depletion and slow agonist-induced desensitization of protease-activated receptor 2 (PAR2).