
PF-CBP1

产品编号: D50969

CAS: 1962928-21-7

分子式: C₂₉H₃₆N₄O₃

纯度: ≥98%

InChi: InChI=1S/C₂₉H₃₆N₄O₃/c1-4-17-35-25-9-5-23(6-10-25)7-12-28-30-26-20-24(29-21(2)31-36-22(29)3)8-11-27(26)33(28)14-13-32-15-18-34-19-16-32/h5-6,8-11,20H,4,7,12-19H2,1-3H3

InChi Key: CGWBJJZOKGZCSJ-UHFFFAOYSA-N

Smiles: CCCOC1C=CC(CCC2=NC3C=C(C=CC=3N2CCN2CCOCC2)C2=C(C)ON=C2C)=CC=1

外观: 固体粉末

溶解性: DMSO up to 100 mM; EtOH up to 100 mM

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

产品介绍: PF-CBP1 is a potent and selective CBP/p300 bromodomain inhibitor (IC₅₀ ~125 nM for CBP and 363 nM for p300). It has >100-fold selectivity for CBP over BRD4, and shows selectivity over a panel of other bromodomains. PF-CBP1 reduces LPS-induced IL-1 β , IL-6 and IFN- β expression in macrophages in vitro. It can also downregulate RGS4 expression in primary cortical neurons in vitro.