
PFI-2

产品编号: D50848

CAS: 1627676-59-8

分子式: C₂₃H₂₅F₄N₃O₃S

纯度: ≥98%

InChi: InChi=1S/C₂₃H₂₅F₄N₃O₃S/c24-20-13-18(12-16-6-7-28-14-19(16)20)34(32,33)29-21(22(31)30-8-1-2-9-30)11-15-4-3-5-17(10-15)23(25,26)27/h3-5,10,12-13,21,28-29H,1-2,6-9,11,14H2/t21-/m1/s1

InChi Key: JCKGSPAAPQRPBW-OAQYLSRUSA-N

Smiles: O=C([C@@H](CC1C=CC=C(C=1)C(F)(F)F)NS(=O)(=O)C1=CC(F)=C2CNCCC2=C1)N1CCCC1

外观: 固体粉末

作用通路: Histone Methyltransferase

溶解性: DMSO up to 100 mM

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

产品介绍: PFI-2 is a novel potent and selective SETD7 histone lysine methyltransferase inhibitor with IC₅₀ ~2 nM. It has > 100-fold selectivity over other methyltransferases and other non-epigenetic targets. PFI-2 has been shown to bind to SETD7 by ITC (K_d=18nM), and biotinylated PFI-2 interacts with SETD7 in pull-down studies.