

MM-102 TFA

产品编号: D51522

CAS: 1883545-52-5

分子式: C₃₇H₅₀F₅N₇O₆

纯度: ≥98%

InChi: InChI=1S/C35H49F2N7O4.C2HF3O2/c1-5-34(6-2,43-29(45)22(3)4)31(47)41-27(10-9-21-40-33(3)39)30(46)44-35(19-7-8-20-35)32(48)42-28(23-11-15-25(36)16-12-23)24-13-17-26(37)18-14-24;3-2(4,5)1(6)7/h11-18,22,27-28H,5-10,19-21H2,1-4H3,(H,41,47)(H,42,48)(H,43,45)(H,44,46)(H,4,38,39,40);(H,6,7)/t27-;/m0./s1

InChi Key: ZRKTWBXVGMHWHM-YCBFMBTMSA-N

Smiles: CC(C)C(=O)NC(CC)(CC)C(=O)N[C@@H](CCNC(N)=N)C(=O)NC1(CCCC1)C(=O)NC(C1=CC=C(F)C=C1)C1=CC=C(F)C=C1.OC(=O)C(F)(F)F

外观: 固体粉末

作用通路: Histone Methyltransferase

溶解性: Soluble in DMSO

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

产品介绍: MM-102 is a Potent WDR5/MLL interaction inhibitor. The MM-102 compound prevents the interaction between mixed lineage leukemia 1 (MLL1) and WD Trp-Asp repeat domain 5 (WDR5) and results in the inhibition of MLL1 H3K4 histone methyltransferase (HMT) activity. Down-Regulation of H3K4me3 by MM-102 Facilitates Epigenetic Reprogramming of Porcine Somatic Cell Nuclear Transfer Embryos