
LMK235

产品编号: D50813

CAS: 1418033-25-6

分子式: C₁₅H₂₂N₂O₄

纯度: ≥98%

InChi: InChI=1S/C₁₅H₂₂N₂O₄/c1-11-8-12(2)10-13(9-11)15(19)17-21-7-5-3-4-6-14(18)16-20/h8-10,20
H,3-7H2,1-2H3,(H,16,18)(H,17,19)

InChi Key: VRYZCEONIWEUAV-UHFFFAOYSA-N

Smiles: CC1=CC(=CC(C)=C1)C(=O)NOCCCCC(=O)NO

外观: 固体粉末

作用通路: HDAC

溶解性: DMSO up to 100 mM

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

产品介绍: LMK235 is a potent and selective histone deacetylase HDAC4 and HDAC5 inhibitor (IC₅₀ ~11.9 nM and 4.22 nM respectively). It also has inhibitory activities against HDAC 6, 1, 11, 2, and 8 with IC₅₀ for 55.7, 320, 852, 881, and 1278 nM, respectively. LMK235 exhibits cytotoxicity against chemo-resistant cancer cell lines in human ovarian cancer cell lines A2780 and cisplatin resistant A2780CisR (IC₅₀ ~0.49 and 0.32 μM respectively).