
HLCL-61

产品编号: D50975

CAS: 1158279-20-9

分子式: C₂₃H₂₅ClN₂O

纯度: ≥98%

InChi: InChI=1S/C₂₃H₂₄N₂O.ClH/c1-3-25-21-10-6-5-9-19(21)20-14-17(12-13-22(20)25)15-24-16-18-8-4-7-11-23(18)26-2;/h4-14,24H,3,15-16H₂,1-2H₃;1H

InChi Key: XYAVCNMZZKTEGR-UHFFFAOYSA-N

Smiles: Cl.CCN1C2=CC=CC=C2C2C=C(CNCC3C=CC=CC=3OC)C=CC1=2

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO and EtOH up to 100 mM

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

产品介绍: HLCL-61 is a potent and selective Protein arginine methyltransferase-5 (PRMT5) Inhibitor. It shows no inhibitory activity against the type I (PRMT1 and PRMT4) and type II (PRMT7) PRMT family members. HLCL-61 shows effective inhibition of symmetric arginine dimethylation (me₂) of histones H3 and H4 in AML samples. Treatment of AML cell lines (MV4-11 and THP-1) and primary blasts with HLCL-61 also results in a decrease of cell viability. HLCL-61 is also effective in promoting apoptosis in MV4-11 and THP-1 cells after 48 h.