
TH287 hydrochloride

产品编号: D54683

CAS: 1638211-05-8

分子式: C₁₁H₁₁Cl₃N₄

纯度: 99.5%

InChi Key: InChIKey=YBLIJWDQSUDCJU-UHFFFAOYSA-N

Smiles: NC1=NC(C2=CC=CC(Cl)=C2Cl)=CC(NC)=N1.[H]Cl

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint; DNA Damage/DNA Repair

作用靶点: DNA/RNA Synthesis; MTH1

溶解性: DMSO: 27.5 mg/mL (89.99 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: TH287 is a selective MTH1 inhibitor(IC₅₀ : 0.8 nM). It causees incorporation of oxidized dNTPs in cancer cells, leading to DNA damage, cytotoxicity and therapeutic responses in patient-derived mouse xenografts.