
MI-2

产品编号: D51011

CAS: 1271738-62-5

分子式: C₁₈H₂₅N₅S₂

纯度: ≥98%

InChi: InChI=1S/C₁₈H₂₅N₅S₂/c1-4-5-13-10-14-15(20-12-21-16(14)24-13)22-6-8-23(9-7-22)17-19-11-18(2,3)25-17/h10,12H,4-9,11H2,1-3H3

InChi Key: SRQYLNQAPCPIR-UHFFFAOYSA-N

Smiles: CCCC1=CC2C(=NC=NC=2S1)N1CCN(CC1)C1=NCC(C)(C)S1

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100 mM

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

产品介绍: MI-2 is a potent and specific Menin-MLL inhibitor with an IC₅₀ ~446 nM. It specifically binds to Menin and inhibits Menin's interaction with MLL fusion proteins in cells. It can effectively reverse MLL fusion protein-mediated leukemic transformation by downregulating the expression of target genes downstream of MLL fusion protein oncogenic activity. MI-2 is a new tool for better understanding MLL-mediated leukemogenesis and represents a new approach for studying the role of Menin as an oncogenic cofactor of MLL fusion proteins.