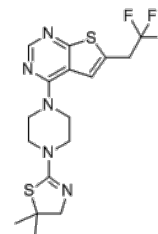


Product Name : MI-2-2
Cat. No. : PC-62485
CAS No. : 1454920-20-7
Molecular Formula : C₁₇H₂₀F₃N₅S₂
Molecular Weight : 415.497
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

MI-2-2 is a potent inhibitor of the **menin-MLL** interaction that binds to menin with low nanomolar affinity (K_d=22 nM). MI-2-2 inhibits the interaction of menin with MLL-AF9 in HEK293 cells in a dose-dependent manner with 4-fold potency improvement over MI-2.

MI-2-2 suppresses growth of MLL-AF9-transformed BMCs.

MI-2-2 causes MV4:11 cells growth inhibition of with GI₅₀ of 3 μM.

References

Arkin MR, et al. *Chem Biol*. 2014 Sep 18;21(9):1102-14.

Shi A, et al. *Blood*. 2012 Nov 29;120(23):4461-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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