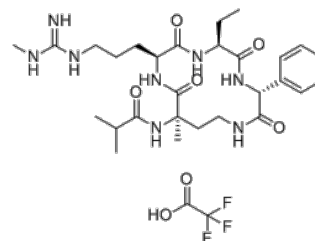


Product Name : MM-589
Cat. No. : PC-70104
CAS No. : 2097887-21-1
Molecular Formula : C₃₀H₄₅F₃N₈O₇
Molecular Weight : 686.734
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

MM-589 is a highly potent, cell-permeable inhibitor of **WDR5-MLL** interaction with IC₅₀ of 0.9 nM, K_i of <1 nM. MM-589 inhibits the MLL H3K4 methyltransferase activity (IC₅₀=12.7 nM), potently and selectively inhibits cell growth in human leukemia cell lines harboring MLL translocations, and shows >40-fold better than MM-401.

References

Karatas H, et al. *J Med Chem.* 2017 Jun 22;60(12):4818-4839.

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

E-mail: tech@probechem.com