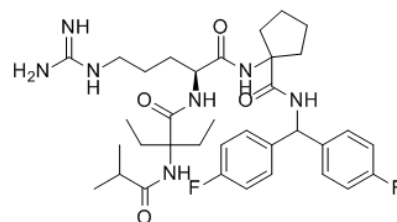


**Product Name** : MM-102  
**Cat. No.** : PC-42922  
**CAS No.** : 1417329-24-8  
**Molecular Formula** : C<sub>35</sub>H<sub>49</sub>F<sub>2</sub>N<sub>7</sub>O<sub>4</sub>  
**Molecular Weight** : 669.8049  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



## Biological Activity

MM-102 is a high-affinity, small-molecule peptidomimetic inhibitor of **MLL1/WDR5** protein-protein interaction with K<sub>i</sub> of 2.4 nM.

MM-102 effectively decreases the expression of HoxA9 and Meis-1.

MM-102 specifically inhibits cell growth and induces apoptosis in leukemia cells harboring MLL1 fusion proteins.

## References

Karatas H, et al. *J Am Chem Soc.* 2013 Jan 16;135(2):669-82.

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

E-mail: tech@probechem.com