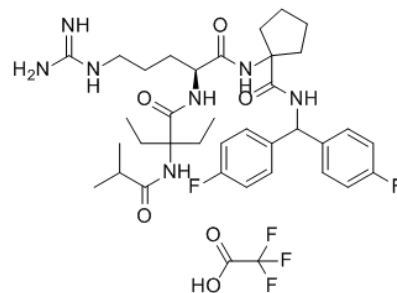


**Product Name** : MM-102 trifluoroacetate  
**Cat. No.** : PC-42923  
**CAS No.** : 1883545-52-5  
**Molecular Formula** : C<sub>37</sub>H<sub>50</sub>F<sub>5</sub>N<sub>7</sub>O<sub>6</sub>  
**Molecular Weight** : 783.8282  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



### Biological Activity

MM-102 trifluoroacetate is a high-affinity, small-molecule peptidomimetic inhibitor of **MLL1/WDR5** protein-protein interaction with  $K_i$  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!**

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