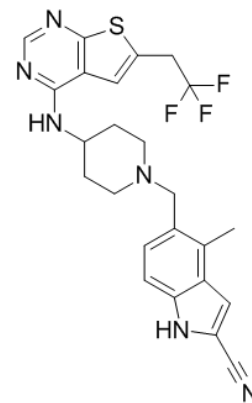


**Product Name** : MI-463  
**Cat. No.** : PC-45726  
**CAS No.** : 1628317-18-9  
**Molecular Formula** : C<sub>24</sub>H<sub>23</sub>F<sub>3</sub>N<sub>6</sub>S  
**Molecular Weight** : 484.5398  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



## Biological Activity

MI-463 is a highly potent and orally bioavailable small-molecule inhibitor of **menin-MLL** (IC<sub>50</sub>=15.3 nM, K<sub>d</sub>=9.9 nM). MI-463 shows profound effects in MLL leukemia cells and substantial survival benefit in mouse models of MLL leukemia.

## References

Borkin D, et al. *Cancer Cell*. 2015 Apr 13;27(4):589-602.

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

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