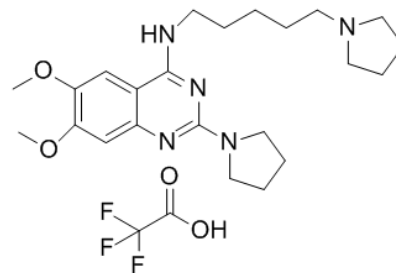


**Product Name** : UNC0379 trifluoroacetate  
**Cat. No.** : PC-42984  
**CAS No.** : 1620401-83-3  
**Molecular Formula** : C<sub>25</sub>H<sub>36</sub>F<sub>3</sub>N<sub>5</sub>O<sub>4</sub>  
**Molecular Weight** : 527.5797  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



### Biological Activity

UNC0379 trifluoroacetate is a selective, substrate-competitive inhibitor of lysine methyltransferase **SETD8** with IC<sub>50</sub> of 7.3 uM, displays good selectivity over 15 other methyltransferases, including G9a and GLP (IC<sub>50</sub>>100 uM). UNC0379 causes neuroblastoma (NB) cell growth inhibition which is p53 dependent. UNC0379 reduces levels of p53K382me1 modification in xenografts.

### References

- Ma A, et al. *J Med Chem.* 2014 Aug 14;57(15):6822-33.  
Ma A, et al. *Medchemcomm.* 2014 Dec;5(12):1892-1898.  
Veschi V, et al. *Cancer Cell.* 2017 Jan 9;31(1):50-63.

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

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