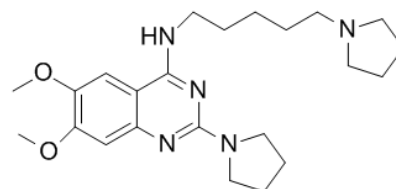


Product Name : UNC0379
Cat. No. : PC-42983
CAS No. : 1620401-82-2
Molecular Formula : C₂₃H₃₅N₅O₂
Molecular Weight : 413.5563
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

UNC0379 is a selective, substrate-competitive inhibitor of lysine methyltransferase **SETD8** with IC₅₀ of 7.3 uM. UNC0379 displays good selectivity over 15 other methyltransferases, including G9a and GLP (IC₅₀>100 uM). UNC0379 causes neuroblastoma (NB) cell growth inhibition which is p53 dependent, 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!

E-mail: tech@probechem.com