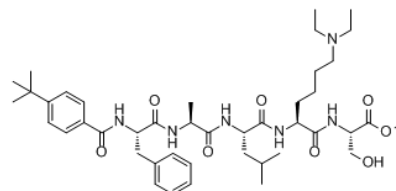


Product Name : UNC3866
Cat. No. : PC-42272
CAS No. : 1872382-47-2
Molecular Formula : C₄₃H₆₆N₆O₈
Molecular Weight : 795.0195
Target : Histone Methyltransferase (HMTase)
Solubility : DMSO: ≥ 27 mg/mL



Biological Activity

UNC3866 is a potent, selective **PRC1** chromodomains antagonist that binds to CBX4 and **CBX7** with K_d of 100 nM. UNC3866 displays 6- to 18-fold selectivity versus other CBX (CBX2/6/8) and CDY chromodomains, highly selectivity versus >250 other targets in a Kme reader panel. UNC3866 inhibits PC3 cell proliferation with EC₅₀ of 340 nM.

References

Stuckey JJ, et al. *Nat Chem Biol*. 2016 Mar;12(3):180-7.
Barnash KD, et al. *ACS Chem Biol*. 2016 Sep 16;11(9):2475-83.

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

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