

Product Name	: UNC3866
Synonyms	: UNC 3866;UNC-3866
Cat No.	: M12899
CAS Number	: 1872382-47-2
Molecular Formula	: C43H66N6O8
Formula Weight	: 795.02
Chemical Name	: L-Serine, N-[4-(1,1-dimethylethyl)benzoyl]-L-phenylalanyl-L-alanyl-L-leucyl-N6,N6-diethyl-L-lysyl-, methyl ester
Description	: A potent, selective PRC1 chromodomains antagonist that binds to CBX4 and CBX7 with Kd of 100 nM; 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; inhibits PC3 cell proliferation with EC50 of 340 nM.
Pathway	: Chromatin/Epigenetic
Target	: HMTase
Receptor	: CBX7-H3
Solubility	: DMSO: ≥ 27 mg/mL
SMILES	: <chem>CC(C)(C)C1=CC=C(C(N[C@@H](CC2=CC=CC=C2)C(N[C@@H](C)C(N[C@@H](CC(C)C)C(N[C@@H](CCCCN(CC)CC)C(N[C@@H](CO)C(OC)=O)=O)=O)=O)=O)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Stuckey JJ, et al. Nat Chem Biol. 2016 Mar;12(3):180-7. 2. Bamash KD, et al. ACS Chem Biol. 2016 Sep 16;11(9):2475-83.