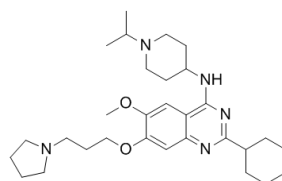


Product Name	: UNC0638
Synonyms	: UNC 0638;UNC-0638
Cat No.	: M11040
CAS Number	: 1255580-76-7
Molecular Formula	: C30H47N5O2
Formula Weight	: 509.73
Chemical Name	: 4-Quinazolinamine, 2-cyclohexyl-6-methoxy-N-[1-(1-methylethyl)-4-piperidinyl]-7-[3-(1-pyrrolidinyl)propoxy]-
Description	: A potent, selective, substrate-competitive inhibitor of G9a (EHMT2) and GLP (EHMT1) with IC50 of <15 nM and 19 nM in SAHH-coupled assays, respectively; very weak activity against JmJD2E and DNMT1; inactive against EZH2, SETD7, DOT1L and SETD8; reduces the clonogenicity of MCF7 cells and the abundance of H3K9me2.
Pathway	: Chromatin/Epigenetic
Target	: HMTase
Receptor	: G9a;GLP
Solubility	: DMSO: ≥ 30 mg/mL
SMILES	: <chem>COC1=CC2=C(NC3CCN(C(C)C)CC3)N=C(C4CCCCC4)N=C2C=C1OCCCN5CCCC5</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Vedadi M, et al. Nat Chem Biol. 2011 Jul 10;7(8):566-74. 2. Yu H, et al. Cell Death Dis. 2013 Feb 21;4:e506. 3. Renneville A, et al. Blood. 2015 Oct 15;126(16):1930-9.