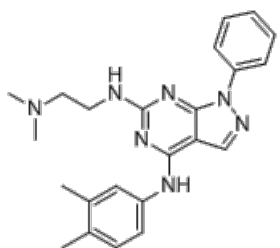


Product Name	: PR5-LL-CM01	
Synonyms	: PR5-LL-CM01	
Cat No.	: M10045	
CAS Number	: 1005307-86-7	
Molecular Formula	: C23H27N7	
Formula Weight	: 401.52	
Chemical Name	: N6-(2-(dimethylamino)ethyl)-N4-(3,4-dimethylphenyl)-1-phenyl-1H-pyrazolo[3,4-d]pyrimidine-4,6-diamine	
Description	: PR5-LL-CM01 is a novel selective, small-molecule inhibitor of PRMT5 methyltransferase with IC50 of 7.5 uM; displays >10-fold selectivity over PRMT3, and no inhibitory activity over PRMT1/4/6/8; exhibits cell viability inhibition with IC50 of 2-4 uM in PDAC cells, IC50 of 10-11 uM in CRC cells, more potent than EPZ015666; significantly inhibits NF-κB activation in PDAC and CRC cells, and shows dramatic anti-tumor efficacy in vivo.	
Pathway	: Chromatin/Epigenetic	
Target	: HMTase	
Receptor	: HMTase	
Solubility	: —	
SMILES	: <chem>CC1=CC=C(NC2=C3C(N(C4=CC=CC=C4)N=C3)=NC(NCCN(C)C)=N2)C=C1C</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Prabhu L, et al. Oncotarget. 2017 Jun 20;8(25):39963-39977.