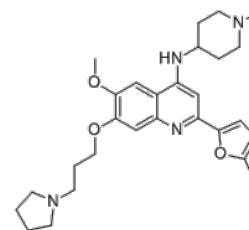

Product Name	: CM-272
Cat. No.	: PC-60255
CAS No.	: 1846570-31-7
Molecular Formula	: C ₂₈ H ₃₈ N ₄ O ₃
Molecular Weight	: 478.637
Target	: Histone Methyltransferase (HMTase)
Solubility	: 10 mM in DMSO



2. Bárcena-Varela M, et al. *Hepatology*. 2018 Jul

Biological Activity

CM-272 (CM272) is a novel potent, selective and reversible dual inhibitor of **G9a/DNMTs** with IC₅₀ of 8 nM and 382 nM for G9a and DNMT1, respectively.

CM-272 also inhibits DNMT3A/3B/GLP with IC₅₀ of 85/1,200/2 nM, respectively.

CM-272 inhibits cell proliferation and promotes apoptosis in different haematological neoplasias (AML, ALL and DLBCL).

CM-272 significantly prolongs survival of AML, ALL and DLBCL xenogeneic models.

References

San José-Enériz E, et al. *Nat Commun*. 2017 May 26;8:15424. 16. doi: 10.1002/hep.30168.

