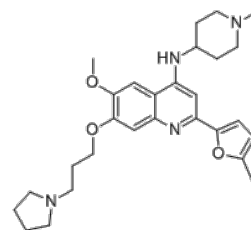


Product Name : CM-272
Cat. No. : PC-60255
CAS No. : 1846570-31-7
Molecular Formula : C₂₈H₃₈N₄O₃
Molecular Weight : 478.637
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



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.

