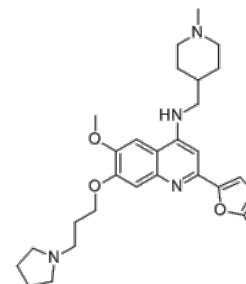


Product Name : CM-579
Cat. No. : PC-60256
CAS No. : 1846570-40-8
Molecular Formula : C₂₉H₄₀N₄O₃
Molecular Weight : 492.664
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

CM-579 (CM579) is a novel potent, selective and reversible dual inhibitor of **G9a/DNMTs** with IC₅₀ of 16 nM and 32 nM for G9a and DNMT1, respectively.

CM-579 also inhibits DNMT3A/3B with IC₅₀ of 92/1,000 nM, respectively.

CM-579 inhibits cell proliferation and promotes apoptosis in different haematological neoplasias (AML, ALL and DLBCL).

References

San José-Enériz E, et al. *Nat Commun.* 2017 May 26;8:15424.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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