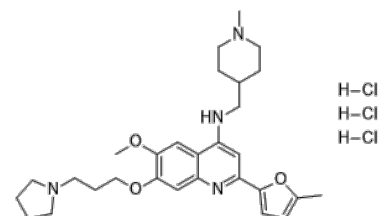


Product Name : CM-579 trihydrochloride
Cat. No. : PC-28652
CAS No. : 2448471-08-5
Molecular Formula : C₂₉H₄₃Cl₃N₄O₃
Molecular Weight : 602.04
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

CM-579 trihydrochloride (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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