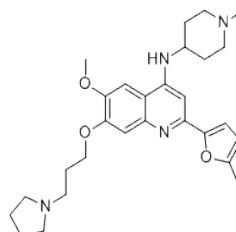


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** :CM-272  
**Cat.No.** :URK-V608  
**CAS No.** :1846570-31-7  
**Molecular Formula** :C<sub>28</sub>H<sub>38</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** :478.637  
**Target** :Histone Methyltransferase(HMTase)  
**Solubility** :



### Biological Activity

CM-272 (CM272) is a novel potent, selective and reversible dual inhibitor of G9a/DNMTs with IC<sub>50</sub> of 8 nM and 382 nM for G9a and DNMT1, respectively; also inhibits DNMT3A/3B/GLP with IC<sub>50</sub> of 85/1,200/2 nM, respectively; inhibits cell proliferation and promotes apoptosis in different haematological neoplasias (AML, ALL and DLBCL); significantly prolongs survival of AML, ALL and DLBCL xenogeneic models.

### References

1. San José-Enériz E, et al. Nat Commun. 2017 May 26;8:15424.
2. Bárcena-Varela M, et al. Hepatology. 2018 Jul 16. doi: 10.1002/hep.30168.

*Note:All products of Ureiko are only used for scientific research or drug certificate declaration, and we do not provide products and services for any personal use!*

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

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