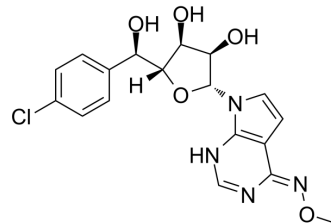


## PRMT5-IN-28

Cat. No.:	HY-153421
CAS No.:	2242753-66-6
Molecular Formula:	C <sub>18</sub> H <sub>19</sub> ClN <sub>4</sub> O <sub>5</sub>
Molecular Weight:	406.82
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PRMT5-IN-28 (compound 36) is an inhibitor of protein arginine methyltransferase 5 (PRMT5) enzyme. Protein arginine methylation is a common post-translational modification involved in gene transcription, mRNA splicing, DNA repair, protein cellular localization, cell fate determination and signal transduction, etc. Abnormal PRMT5 can promote cancer cell proliferation, resist apoptosis, enhance invasion and metastasis, and affect immune escape <sup>[1]</sup> .
IC <sub>50</sub> & Target	PRMT5

**Caution: Product has not been fully validated for medical applications. For research use only.**

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