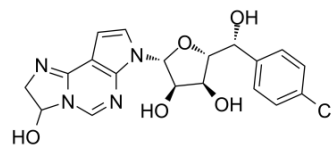


PRMT5-IN-1

Cat. No.:	HY-126256
CAS No.:	2366149-83-7
Molecular Formula:	C ₁₉ H ₁₉ ClN ₄ O ₅
Molecular Weight:	418.83
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	PRMT5 IN-1, a hemiaminal, is a covalent protein arginine methyltransferase 5 (PRMT5) inhibitor with an IC ₅₀ of 11 nM for PRMT5/MEP50. PRMT5 IN-1 can be converted to aldehydes and react with C449 to form covalent adducts under physiological conditions ^[1] .
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IC ₅₀ & Target	IC50: 11 nM (PRMT5) ^[1]
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REFERENCES

[1]. <https://www.ncbi.nlm.nih.gov/pubmed/31312404>

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

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