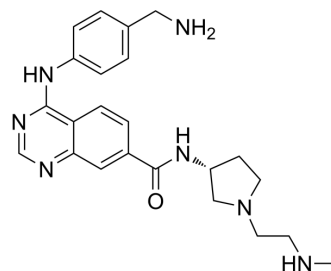


PRMT4-IN-3

Cat. No.:	HY-155154A
Molecular Formula:	C ₂₃ H ₂₉ N ₇ O
Molecular Weight:	419.52
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PRMT4-IN-3 (compound 56) is a potent inhibitor of class I protein arginine methyltransferase (PRMT), targeting PRMT4 (IC ₅₀ : 37 nM) and PRMT4 (IC ₅₀ : 253 nM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 37 nM (PRMT4), 253 nM (PRMT6) ^[1]

REFERENCES

[1]. Bhattacharya D, et al. Development of selective class I protein arginine methyltransferase inhibitors through fragment-based drug design approach. Eur J Med Chem. 2023 Nov 15;260:115713..

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

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