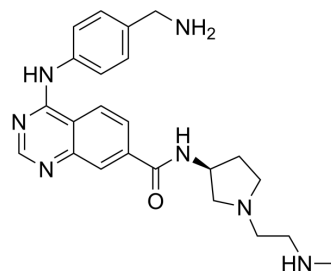


PRMT4-IN-2

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



BIOLOGICAL ACTIVITY

Description	PRMT4-IN-2 (compound 55) is a pan-inhibitor of protein arginine methyltransferase (PRMT) with IC ₅₀ s of 92 nM (PRMT4), 436 nM (PRMT6), 460 nM (PRMT1), 823 nM (PRMT8), 1.386 μM (PRMT3) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 92 nM (PRMT4), 436 nM (PRMT6), 460 nM (PRMT1), 823 nM (PRMT8), 1.386 μM (PRMT3) ^[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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