

UNC4976

Cat. No.:	HY-126327
CAS No.:	2920299-34-7
Molecular Formula:	C ₄₇ H ₇₀ N ₆ O ₈
Molecular Weight:	847.09
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

UNC4976 is a positive allosteric modulator (PAM) peptidomimetic of CBX7 chromodomain binding to nucleic acids. UNC4976 simultaneously antagonizes H3K27me3-specific recruitment of CBX7 to target genes while increasing non-specific binding to DNA and RNA^[1].

REFERENCES

[1]. Lamb KN, et al. Discovery and Characterization of a Cellular Potent Positive Allosteric Modulator of the Polycomb Repressive Complex 1 Chromodomain, CBX7. Cell Chem Biol. 2019 Aug 14.

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

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