

UNC4976 TFA

Cat. No.:	HY-126327A
Molecular Formula:	C ₄₉ H ₇₁ F ₃ N ₆ O ₁₀
Molecular Weight:	961.12
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

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