

UNC4976 TFA

## Chemical Properties

CAS No. :

Formula: C49H71F3N6O10

Molecular Weight: 961.12

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	UNC4976 TFA, a positive allosteric modulator (PAM) peptidomimetic of the CBX7 chromodomain, promotes binding to nucleic acids. It concurrently inhibits the H3K27me3-specific recruitment of CBX7 to target genes and enhances non-specific interaction with DNA and RNA [1].
Targets(IC50)	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0405 mL	5.2023 mL	10.4045 mL
5 mM	0.2081 mL	1.0405 mL	2.0809 mL
10 mM	0.104 mL	0.5202 mL	1.0405 mL
50 mM	0.0208 mL	0.104 mL	0.2081 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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