

DC 432

## Chemical Properties

CAS No. : 2388988-70-1

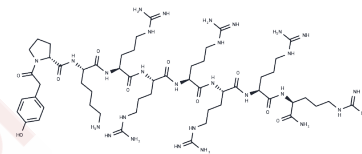
Formula: C55H100N28O10

Molecular Weight: 1313.59

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	DC 432, a potent peptidomimetic inhibitor of N-terminal methyltransferase 1/2 (NTMT1/2) with an IC50 value of 54 nM, incorporates a BM30 peptide enhanced by five arginine residues. It effectively reduces the N-terminal methylation level of the regulator of chromosome condensation 1 and SET proteins in HCT116 cells, demonstrating cell permeability.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7613 mL	3.8064 mL	7.6127 mL
5 mM	0.1523 mL	0.7613 mL	1.5225 mL
10 mM	0.0761 mL	0.3806 mL	0.7613 mL
50 mM	0.0152 mL	0.0761 mL	0.1523 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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