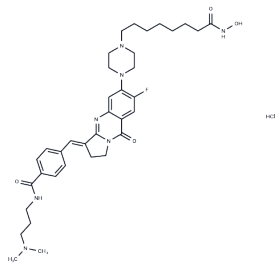
Data Sheet (Cat.No.T72946)

TargetMol

G4/HDAC-IN-1

Chemical Properties



CAS No. :

Formula: C36H49ClFN7O4

Molecular Weight: 698.27

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	G4/HDAC-IN-1, a dual-targeting compound for G4 and HDAC, shows inhibition of intracellular HDAC activity, with an IC50 value of 1.1 μM, and promotes G4 formation. It effectively inhibits proliferation and tumor growth in a TNBC xenograft model, presenting potential for cancer research applications.
Targets(IC50)	Others,HDAC,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4321 mL	7.1606 mL	14.3211 mL
5 mM	0.2864 mL	1.4321 mL	2.8642 mL
10 mM	0.1432 mL	0.7161 mL	1.4321 mL
50 mM	0.0286 mL	0.1432 mL	0.2864 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481