

DNMT-IN-4

Chemical Properties

CAS No. :

Formula: C₂₂H₂₅ClN₄S₂

Molecular Weight: 445.04

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	DNMT-IN-4 (Compound 4d) is a DNMT inhibitor with an IC ₅₀ value of 5.78 μM. It induces apoptosis and exhibits anticancer activity.
Targets(IC ₅₀)	Apoptosis,DNA Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.247 mL	11.2349 mL	22.4699 mL
5 mM	0.4494 mL	2.247 mL	4.494 mL
10 mM	0.2247 mL	1.1235 mL	2.247 mL
50 mM	0.0449 mL	0.2247 mL	0.4494 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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