

NSD-IN-4

Chemical Properties

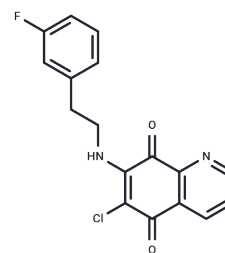
CAS No. :

Formula: C17H12ClFN2O2

Molecular Weight: 330.741

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	NSD-IN-4 (Compound A8) is a potent and orally active inhibitor of NSD3, inducing apoptosis in a dose-dependent manner. It demonstrates significant antitumor activity against lung squamous cell carcinoma.
Targets(IC50)	Apoptosis, Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0235 mL	15.1176 mL	30.2352 mL
5 mM	0.6047 mL	3.0235 mL	6.047 mL
10 mM	0.3024 mL	1.5118 mL	3.0235 mL
50 mM	0.0605 mL	0.3024 mL	0.6047 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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