

DiPT-4

Chemical Properties

CAS No. :

Formula: C32H22FN5O4S

Molecular Weight: 591.61

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	DiPT-4, a dual TOP1/PARP1 inhibitor, effectively induces DNA double-strand breaks (DSBs), cell cycle arrest, and apoptosis in cancer cells, with potential to circumvent drug resistance [1].
Targets(IC50)	Apoptosis,PARP,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6903 mL	8.4515 mL	16.903 mL
5 mM	0.3381 mL	1.6903 mL	3.3806 mL
10 mM	0.169 mL	0.8452 mL	1.6903 mL
50 mM	0.0338 mL	0.169 mL	0.3381 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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