

PARP1-IN-12

Chemical Properties

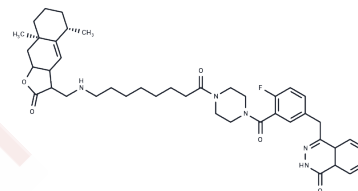
CAS No. :

Formula: C43H56FN5O5

Molecular Weight: 741.93

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	PARP1-IN-12, a potent inhibitor of PARP1, demonstrates an IC50 value of 2.99 nM. It exhibits antiproliferative effects, induces apoptosis, and causes cell cycle arrest in the G2/M phase. Additionally, PARP1-IN-12 induces DNA double-strand breaks (DSBs) in BRCA-deficient cells.
Targets(IC50)	Apoptosis,Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3478 mL	6.7392 mL	13.4784 mL
5 mM	0.2696 mL	1.3478 mL	2.6957 mL
10 mM	0.1348 mL	0.6739 mL	1.3478 mL
50 mM	0.027 mL	0.1348 mL	0.2696 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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