

PARP-1/2-IN-2

Chemical Properties

CAS No. :

Formula: C₂₅H₂₃IN₈O₃

Molecular Weight: 610.41

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	PARP-1/2-IN-2-IN-1 (Compound 12e) effectively inhibits PARP1/2 and CDK12 with IC50 values of 34 nM, 30 nM, and 285 nM respectively, impairing DNA damage repair and inducing cell cycle arrest and apoptosis. This compound also hampers the proliferation of TNBC cells and the growth of TNBC xenograft tumors [1].
Targets(IC50)	Apoptosis,CDK,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6382 mL	8.1912 mL	16.3824 mL
5 mM	0.3276 mL	1.6382 mL	3.2765 mL
10 mM	0.1638 mL	0.8191 mL	1.6382 mL
50 mM	0.0328 mL	0.1638 mL	0.3276 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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