

## PARP1-IN-15

## Chemical Properties

CAS No. :

Formula: C16H12N2O2

Molecular Weight: 264.28

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-15 (Compound 6) is a PARP1 inhibitor that also inhibits tankyrase (TNKS) and promotes DNA double-strand breaks, leading to tumor cell apoptosis. It exhibits anti-cancer activity in triple-negative breast cancer (TNBC) cells and patient-derived organoids, making it useful for TNBC research, including cases with or without BRCA1 mutations [1].
Targets(IC50)	Apoptosis,PARP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7839 mL	18.9193 mL	37.8387 mL
5 mM	0.7568 mL	3.7839 mL	7.5677 mL
10 mM	0.3784 mL	1.8919 mL	3.7839 mL
50 mM	0.0757 mL	0.3784 mL	0.7568 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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