

## PROTAC PARP1 degrader-3

## Chemical Properties

CAS No. :

Formula: C52H65N9O5

Molecular Weight: 896.13

Keep away from direct sunlight

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	PROTAC PARP1 degrader-3 (Compound C6) is a PROTAC degrader specifically targeting PARP1, with a DC50 of 58.14 nM. It demonstrates cytotoxicity in SW-620 and LOVO cancer cells, with IC50 values of 1.63 $\mu$ M and 2.84 $\mu$ M, respectively. In BRCA-mutated colon cancer cells, PROTAC PARP1 degrader-3 exhibits synergistic effects with SN-38, with a combination index (CI) of 0.487.
Targets(IC50)	PARP,PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1159 mL	5.5795 mL	11.1591 mL
5 mM	0.2232 mL	1.1159 mL	2.2318 mL
10 mM	0.1116 mL	0.558 mL	1.1159 mL
50 mM	0.0223 mL	0.1116 mL	0.2232 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.

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