

PROTAC Hsp90 $\alpha$  degrader 1

## Chemical Properties

CAS No. :

Formula: C43H50N6O7

Molecular Weight: 762.89

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	Compound X10g (PROTAC Hsp90 $\alpha$ degrader 1) is a selective agent targeting Hsp90 $\alpha$ for degradation and is utilized in breast cancer research. It demonstrates inhibitory effects on the proliferation of breast cancer cell lines, MDA-MB-231, MDA-MB-468, MCF-7, and MX-1, with respective IC50 values of 51.48 $\mu$ M, 16.46 $\mu$ M, 8.93 $\mu$ M, and 11.95 $\mu$ M [1].
Targets(IC50)	HSP,PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3108 mL	6.554 mL	13.108 mL
5 mM	0.2622 mL	1.3108 mL	2.6216 mL
10 mM	0.1311 mL	0.6554 mL	1.3108 mL
50 mM	0.0262 mL	0.1311 mL	0.2622 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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