

HLB-0532259

## Chemical Properties

CAS No. : 2566733-45-5

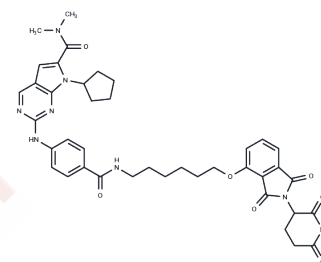
Formula: C40H44N8O7

Molecular Weight: 748.827

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	HLB-0532259 is a PROTAC degrader that targets the degradation of Aurora-A and N-Myc. In non-MYCN amplified MCF-7 cells, it degrades Aurora-A with a DC50 of 20.2 nM, and in MYCN amplified SK-N-BE and Kelly cells, it degrades N-Myc with DC50 values of 179 nM and 229 nM, respectively. HLB-0532259 has demonstrated antitumor activity in mouse models. (Pink: ligand for target protein; Black: linker; Blue: ligand for E3 ligase Cereblon)
Targets(IC50)	Aurora Kinase, PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3354 mL	6.6771 mL	13.3542 mL
5 mM	0.2671 mL	1.3354 mL	2.6708 mL
10 mM	0.1335 mL	0.6677 mL	1.3354 mL
50 mM	0.0267 mL	0.1335 mL	0.2671 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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