

JB300

Chemical Properties

CAS No. : 3038446-90-8

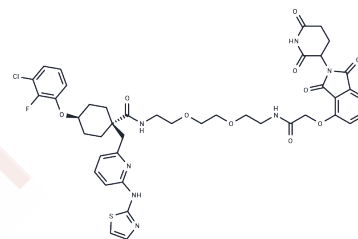
Formula: C43H45ClFN7O10S

Molecular Weight: 906.375

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	JB300 is a PROTAC-based compound that serves as a highly selective degrader of Aurora A, with a DC50 of 30 nM. It is utilized in cancer research. JB300 comprises the PROTAC target protein ligand MK-5108 [pink part], E3 ligase ligand Thalidomide-O-COOH [blue part], and PROTAC Linker Boc-NH-PEG2-C2-NH2 [black part]. The conjugate of the E3 ubiquitin ligase ligand and linker is Thalidomide-O-COOH-NH2-C2-PEG2-NH-Boc.
Targets(IC50)	Aurora Kinase,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1033 mL	5.5165 mL	11.0329 mL
5 mM	0.2207 mL	1.1033 mL	2.2066 mL
10 mM	0.1103 mL	0.5516 mL	1.1033 mL
50 mM	0.0221 mL	0.1103 mL	0.2207 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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