

L18I

## Chemical Properties

CAS No. :

Formula: C47H51N11O8

Molecular Weight: 897.98

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	L18I is a PROTAC (Proteolysis Targeting Chimera) that targets Btk to mitigate inflammation in autoimmune diseases. The components of L18I include the PROTAC target protein ligand IBT6A, the PROTAC linker Propargyl-PEG3-alcohol, and the E3 ubiquitin ligase ligand Lenalidomide-Br. Notably, the active control for the target protein ligand is IBT6A-CO-ethyne, while the conjugate of the E3 ubiquitin ligase ligand with the linker is Lenalidomide-C3-PEG3-N3.
Targets(IC50)	BTK,PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1136 mL	5.5681 mL	11.1361 mL
5 mM	0.2227 mL	1.1136 mL	2.2272 mL
10 mM	0.1114 mL	0.5568 mL	1.1136 mL
50 mM	0.0223 mL	0.1114 mL	0.2227 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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