

XD2-149

Chemical Properties

CAS No. : 2710221-08-0

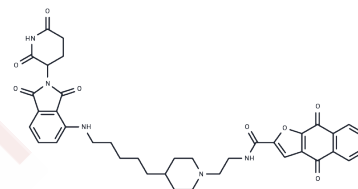
Formula: C₃₈H₃₉N₅O₈

Molecular Weight: 693.75

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	XD2-149 is a PROTAC compound designed to target STAT3. It is composed of the PROTAC target protein ligand Napabucasin, the E3 ligase Thalidomide, and the linker NH ₂ -C ₅ -Azacyclohexane-N-Boc. The conjugate of the E3 ligase and linker is Thalidomide-NH-C ₅ -azacyclohexane-N-Boc, with Thalidomideacid serving as the active comparator for the target protein ligand.
Targets(IC50)	STAT,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4414 mL	7.2072 mL	14.4144 mL
5 mM	0.2883 mL	1.4414 mL	2.8829 mL
10 mM	0.1441 mL	0.7207 mL	1.4414 mL
50 mM	0.0288 mL	0.1441 mL	0.2883 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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