

DP-15

Chemical Properties

CAS No. : 3033837-71-4

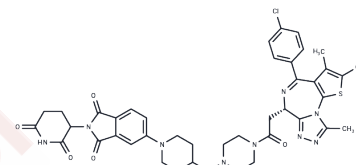
Formula: C42H44ClN9O5S

Molecular Weight: 822.374

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	DP-15 acts as a degrader of GSPT1 and BRD4, with DC50 values of 5.25 nM and 0.48 nM, respectively. This compound exhibits antiproliferative activity in AML and NHL cells, showing IC50 values in the nanomolar range, induces G1 phase cell cycle arrest, and triggers apoptosis in MOLM13 cells. Additionally, DP-15 demonstrates anti-leukemic properties in the MOLM-13 xenograft mouse model. [Pink: ligand for target protein JQ-1 carboxylic acid; Black: linker; Blue: ligand for E3 ligaseCereblonThalidomide-5-OH]
Targets(IC50)	Apoptosis,Epigenetic Reader Domain,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.216 mL	6.080 mL	12.160 mL
5 mM	0.2432 mL	1.216 mL	2.432 mL
10 mM	0.1216 mL	0.608 mL	1.216 mL
50 mM	0.0243 mL	0.1216 mL	0.2432 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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