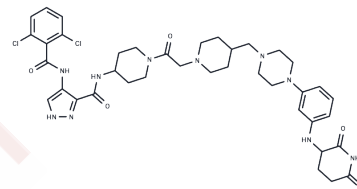


PROTAC CDK9 degrader-11

Chemical Properties

CAS No. :	3039540-19-4
Formula:	C39H48Cl2N10O5
Molecular Weight:	807.768
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PROTAC CDK9 degrader-11 (Compound C3) is an orally active PROTAC CDK9 degrader with a DC50 of 1.09 nM. This compound exhibits cytotoxicity in small cell lung cancer (SCLC) cells, with IC50 values in the nanomolar range. It induces cell cycle arrest at the G0/G1 phase and inhibits cell invasion in DMS114 and DMS53 cells. In addition, PROTAC CDK9 degrader-11 shows antitumor activity in an NCI-H446 xenograft mouse model. (Pink: ligand for target protein CDK9 ligand 3; Black: linker; Blue: ligand for E3 ligase Cereblon E3 ligase Ligand 56)
Targets(IC50)	CDK,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.238 mL	6.1899 mL	12.3798 mL
5 mM	0.2476 mL	1.238 mL	2.476 mL
10 mM	0.1238 mL	0.619 mL	1.238 mL
50 mM	0.0248 mL	0.1238 mL	0.2476 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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