

PROTAC CDK9 degrader-5

Chemical Properties

CAS No. :	2935587-89-4
Formula:	C42H48Cl2N8O9
Molecular Weight:	879.78
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	PROTAC CDK9 degrader-5 is a selective PROTAC that mediates degradation of CDK9 via the proteasome pathway. It efficiently degrades the CDK9 42 and CDK9 55 isoforms with DC50 values of 0.10 μ M and 0.14 μ M, respectively [1].
Targets(IC50)	PROTACs
In vitro	PROTAC CDK9 degrader-5 (Compound 15e) at 1 μ M for a duration of 6 hours reduces the protein levels of MCL2 and competitively degrades CDK9 in MV411 cells [1]. Additionally, administration of PROTAC CDK9 degrader-5 at the same concentration demonstrates a time-dependent decrease in the protein levels of both MCL2 and CDK9, with sustained inhibition observed for up to 24 hours [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1366 mL	5.6832 mL	11.3665 mL
5 mM	0.2273 mL	1.1366 mL	2.2733 mL
10 mM	0.1137 mL	0.5683 mL	1.1366 mL
50 mM	0.0227 mL	0.1137 mL	0.2273 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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