

## PROTAC CDK9 degrader-6

## Chemical Properties

CAS No. : 2935587-91-8

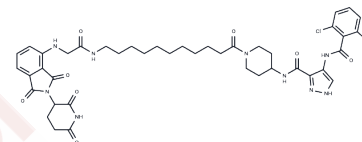
Formula: C42H49Cl2N9O8

Molecular Weight: 878.8

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	PROTAC CDK9 degrader-6 is a specific PROTAC targeting CDK9 for degradation via the proteasome pathway, effectively degrading CDK9 with DC50 values of 0.10 $\mu$ M and 0.14 $\mu$ M for the CDK9 42 and CDK9 55 isoforms, respectively [1].
Targets(IC50)	CDK
In vitro	PROTAC CDK9 degrader-6 (compound 16) (1 $\mu$ M; 6 hours) reduces MCL2 protein levels and induces competitive CDK9 degradation in MV411 cells [1]. Additionally, PROTAC CDK9 degrader-6 (1 $\mu$ M; 1-6 hours) diminishes MCL2 and CDK9 protein levels in a time-dependent manner, sustaining inhibition for 24 hours [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1379 mL	5.6896 mL	11.3792 mL
5 mM	0.2276 mL	1.1379 mL	2.2758 mL
10 mM	0.1138 mL	0.569 mL	1.1379 mL
50 mM	0.0228 mL	0.1138 mL	0.2276 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481