

## PROTAC CDK2/9 Degradar-1

## Chemical Properties

CAS No. : 2408641-24-5

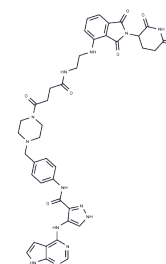
Formula: C<sub>40</sub>H<sub>41</sub>N<sub>13</sub>O<sub>7</sub>

Molecular Weight: 815.84

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 CDK2/9 Degradar-1 is a potent CDK2 and CDK9 dual degrader(DC50 of 62 nM and 33 nM).
Targets(IC50)	CDK,PROTACs
In vitro	PROTAC CDK2/9 Degradar-1 induces cell cycle blockage at the G2/M phase,and down-regulates the Mcl-1 protein level in PC-3 cells[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2257 mL	6.1287 mL	12.2573 mL
5 mM	0.2451 mL	1.2257 mL	2.4515 mL
10 mM	0.1226 mL	0.6129 mL	1.2257 mL
50 mM	0.0245 mL	0.1226 mL	0.2451 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.

## Reference

Zhou F, et al. Development of selective mono or dual PROTAC degrader probe of CDK isoforms. Eur J Med Chem. 2019 Dec 6;187:111952.

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