

## CDK2 degrader 5

## Chemical Properties

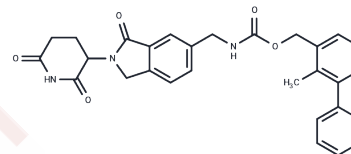
CAS No. : 2923574-11-0

Formula: C<sub>29</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 497.54

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	CDK2 Degrader 5 (compound 12) is a degrader targeting cyclin-dependent kinase 2 (CDK2). In a HiBiT assay system, CDK2 Degrader 5 (compound 12) exhibits a moderate level of degradation efficiency, with a maximum degradation (D <sub>max</sub> ) of approximately 50-80%.
Targets(IC50)	CDK

## Solubility Information

Solubility	DMSO: 40.00 mg/mL (80.40 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0099 mL	10.0494 mL	20.0989 mL
5 mM	0.402 mL	2.0099 mL	4.0198 mL
10 mM	0.201 mL	1.0049 mL	2.0099 mL
50 mM	0.0402 mL	0.201 mL	0.402 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

Monte Rosa Therapeutics, Inc. Preparation of 3-(6-substituted-1-oxoindolin-2-yl)piperidine-2,6-dione derivatives that mediate the degradation of cyclin-dependent kinase (CDK2) and are useful in the treatment of various disorders, such as cancer. World Intellectual Property Organization, WO2023069700 A1 2023-04-27

**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