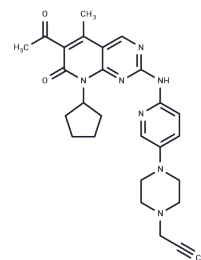


## Palbociclib-propargyl

## Chemical Properties

CAS No. :	2366269-23-8
Formula:	C <sub>27</sub> H <sub>31</sub> N <sub>7</sub> O <sub>2</sub>
Molecular Weight:	485.58
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	Palbociclib-propargyl, a PROTAC ligand targeting the protein CDK6, connects to the CRBN ligand through a PEG linker to form PROTAC CP-10. CP-10 exhibits a potent DC50 value of 2.1 nM against CDK6[1].
Targets(IC50)	Others,Ligands for Target Protein for PROTAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0594 mL	10.297 mL	20.5939 mL
5 mM	0.4119 mL	2.0594 mL	4.1188 mL
10 mM	0.2059 mL	1.0297 mL	2.0594 mL
50 mM	0.0412 mL	0.2059 mL	0.4119 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

Su S, et al. Potent and Preferential Degradation of CDK6 via Proteolysis Targeting Chimera Degraders. J Med Chem. 2019 Aug 22;62(16):7575-7582.

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