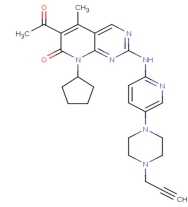


Data Sheet (Cat.No.T18515)

Palbociclib-propargyl

Chemical Properties

CAS No.:	2366269-23-8
Formula:	C ₂₇ H ₃₁ N ₇ O ₂
Molecular Weight:	485.58
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Palbociclib-propargyl is a ligand for target protein CDK6 for PROTAC, and binds to CRBN ligand via a PEG linker to make a PROTAC CP-10. CP-10 shows a DC50 of 2.1 nM for CDK6[1].
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.059 mL	10.297 mL	20.594 mL
5 mM	0.412 mL	2.059 mL	4.119 mL
10 mM	0.206 mL	1.03 mL	2.059 mL
50 mM	0.041 mL	0.206 mL	0.412 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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