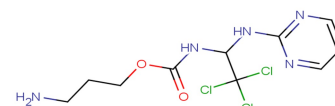


## Apcin-A

## Chemical Properties

CAS No.:	1683617-62-0
Formula:	C <sub>10</sub> H <sub>14</sub> Cl <sub>3</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	342.61
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Apcin-A is an anaphase-promoting complex (APC) inhibitor. It interacts strongly with Cdc20 and inhibits the ubiquitination of Cdc20 substrates. Apcin-A can be used to synthesize the PROTAC CP5V.
Targets(IC <sub>50</sub> )	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	2.919 mL	14.594 mL	29.188 mL
5 mM	0.584 mL	2.919 mL	5.838 mL
10 mM	0.292 mL	1.459 mL	2.919 mL
50 mM	0.058 mL	0.292 mL	0.584 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. Chi JJ, et al. A novel strategy to block mitotic progression for targeted therapy. EBioMedicine. 2019 Oct 25. pii: S2352-3964(19)30677-2.

Inhibitors · Natural Compounds · Compound Libraries

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