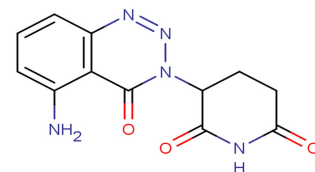


TD-106

## Chemical Properties

CAS No.:	2250288-69-6
Formula:	C <sub>12</sub> H <sub>11</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	273.25
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	TD-106 is a modulator of cereblon (CRBN), and can be used for targeted protein degradation. BRD4 PROTACs with TD-106 induce BRD4 degradation.
Targets(IC <sub>50</sub> )	CRBN: None
In vivo	In SCID mice with TMD-8 xenograft model, TD-106 possesses anti-myeloma activity .

## Solubility Information

Solubility	DMSO: 125 mg/mL (457.46 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.66 mL	18.298 mL	36.597 mL
5 mM	0.732 mL	3.66 mL	7.319 mL
10 mM	0.366 mL	1.83 mL	3.66 mL
50 mM	0.073 mL	0.366 mL	0.732 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. Kim SA, et al. A novel cereblon modulator for targeted protein degradation. Eur J Med Chem. 2019 Mar 15;166:65-74.

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