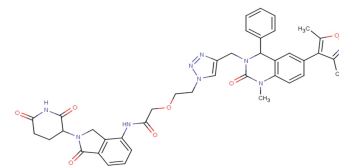


## Data Sheet (Cat.No.T13834)

### PROTAC BRD4 Degradar-2

#### Chemical Properties

CAS No.:	2185795-53-1
Formula:	C40H39N9O7
Molecular Weight:	757.79
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



#### Biological Description

Description	PROTAC BRD4 Degradar-2 is an efficacious degrader of PROTAC BRD4(BRD4 BD1, IC50 of 14.2 nM).
Targets(IC50)	BRD4 BD1: 14.2 nM Cereblon: None
In vitro	PROTAC BRD4 Degradar-2 inhibits the growth of THP-1 cell line (IC50 of 1.83±0.016 μM)[1].

#### 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	1.32 mL	6.598 mL	13.196 mL
5 mM	0.264 mL	1.32 mL	2.639 mL
10 mM	0.132 mL	0.66 mL	1.32 mL
50 mM	0.026 mL	0.132 mL	0.264 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. Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide. *Bioorg Med Chem.* 2020 Jan 1;28(1):115228.

Inhibitors · Natural Compounds · Compound Libraries

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