

## Homo-PROTAC pVHL30 degrader 1

## Chemical Properties

CAS No. : 2244684-49-7

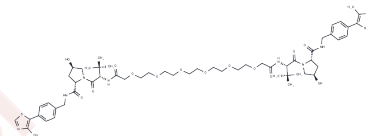
Formula: C<sub>58</sub>H<sub>82</sub>N<sub>8</sub>O<sub>14</sub>S<sub>2</sub>

Molecular Weight: 1179.45

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Homo-PROTAC pVHL30 degrader 1 is a potent PROTAC-based degrader of pVHL30.
Targets(IC50)	PROTACs
In vitro	Homo-PROTAC pVHL30 degrader 1 dimerizes von Hippel-Lindau (VHL) with high avidity in vitro and induces rapid, potent, and proteasome-dependent self-degradation of VHL in different cell lines, in a highly isoform-selective fashion and without triggering a hypoxic response.

## Solubility Information

Solubility	DMSO: 150 mg/mL (127.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (3.39 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

---

	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	0.8479 mL	4.2393 mL	8.4785 mL
5 mM	0.1696 mL	0.8479 mL	1.6957 mL
10 mM	0.0848 mL	0.4239 mL	0.8479 mL
50 mM	0.017 mL	0.0848 mL	0.1696 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

Maniaci C, et al. Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. Nat Commun. 2017 Oct 10;8(1):830.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481