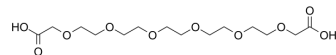


## PEG6-(CH<sub>2</sub>CO<sub>2</sub>H)<sub>2</sub>

Cat. No.:	HY-122702
CAS No.:	77855-76-6
Molecular Formula:	C <sub>14</sub> H <sub>26</sub> O <sub>10</sub>
Molecular Weight:	354.35
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

Ethanol : 100 mg/mL (282.21 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		2.8221 mL	14.1103 mL	28.2207 mL
	5 mM		0.5644 mL	2.8221 mL	5.6441 mL
	10 mM		0.2822 mL	1.4110 mL	2.8221 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

PEG6-(CH<sub>2</sub>CO<sub>2</sub>H)<sub>2</sub> is a symmetric PEG PROTAC linker, for the synthesis of Homo-PROTACs which is bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

PEGs

### REFERENCES

[1]. 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.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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