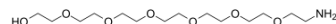


NH2-PEG7

Cat. No.:	HY-120918
CAS No.:	1425973-14-3
Molecular Formula:	C ₁₄ H ₃₁ NO ₇
Molecular Weight:	325.4
Target:	PROTAC Linker
Pathway:	PROTAC
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (307.31 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Concentration \ Mass	1 mg	5 mg	10 mg
		1 mM	3.0731 mL	15.3657 mL	30.7314 mL
		5 mM	0.6146 mL	3.0731 mL	6.1463 mL
		10 mM	0.3073 mL	1.5366 mL	3.0731 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.68 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.68 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.68 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	NH2-PEG7 is a PROTAC linker, which refers to the PEG composition. NH2-PEG7 can be used in the synthesis of the PROTAC PARP1 degrader iRucaparib-AP6 ^[1] .
IC₅₀ & Target	PEGs

REFERENCES

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

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