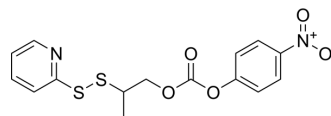


PPC-NB

Cat. No.:	HY-126530		
CAS No.:	1887040-81-4		
Molecular Formula:	C ₁₅ H ₁₄ N ₂ O ₅ S ₂		
Molecular Weight:	366.41		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (272.92 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7292 mL	13.6459 mL	27.2918 mL
5 mM	0.5458 mL	2.7292 mL	5.4584 mL
10 mM	0.2729 mL	1.3646 mL	2.7292 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (6.82 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.82 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

PPC-NB is a glutathione cleavable linker used for the antibody-drug conjugate (ADC)^[1].

IC₅₀ & Target

Disulfide Cleavable Linker

REFERENCES

- [1]. Robert A. Volkmann, et al. Compounds, compositions, and methods for treatment of diseases involving acidic or hypoxic diseased tissues. WO2019136298A1.

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

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