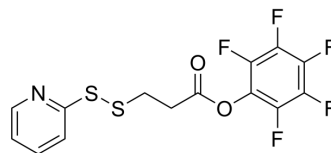


PDP-Pfp

Cat. No.:	HY-129359		
CAS No.:	160580-70-1		
Molecular Formula:	C ₁₄ H ₈ F ₅ NO ₂ S ₂		
Molecular Weight:	381.34		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (262.23 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6223 mL	13.1117 mL	26.2233 mL
		5 mM	0.5245 mL	2.6223 mL	5.2447 mL
		10 mM	0.2622 mL	1.3112 mL	2.6223 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 (6.56 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.56 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	PDP-Pfp is a reducible ADC linker used for the agents that target for the extracellular loop 1 (ECL1) of TM4SF1 (transmembrane 4 L6 family member 1) ^[1] .
IC₅₀ & Target	Disulfide Cleavable Linker

REFERENCES

[1]. Fang J, New target for treating cancer. WO2019015696A2.

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

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