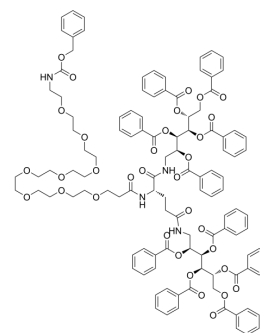


CbzNH-PEG8-amide-bis(pentayl-5OBz)

Cat. No.:	HY-49206
Molecular Formula:	C ₁₁₄ H ₁₁₈ N ₄ O ₃₃
Molecular Weight:	2072.16
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (48.26 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	0.4826 mL	2.4129 mL	4.8259 mL
		5 mM	0.0965 mL	0.4826 mL	0.9652 mL
10 mM	0.0483 mL	0.2413 mL	0.4826 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 (1.21 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (1.21 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (1.21 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	CbzNH-PEG8-amide-bis(pentayl-5OBz) is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs).
IC₅₀ & Target	Cleavable Linker

REFERENCES

[1]. Stephanie Baah, et al. Antibody-Drug Conjugates-A Tutorial Review. Molecules. 2021 May 15;26(10):2943.

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

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