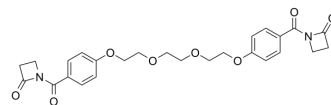


AZD-CO-Ph-PEG4-Ph-CO-AZD

Cat. No.:	HY-141808
CAS No.:	2569143-72-0
Molecular Formula:	C ₂₆ H ₂₈ N ₂ O ₈
Molecular Weight:	496.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (100.70 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.0141 mL	10.0703 mL	20.1406 mL
				5 mM	0.4028 mL	2.0141 mL	4.0281 mL
				10 mM	0.2014 mL	1.0070 mL	2.0141 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 (5.04 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.04 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.04 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	AZD-CO-Ph-PEG4-Ph-CO-AZD is a bis-β-lactam linker can be used for antibody-siRNA conjugate synthesis ^[1] .
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REFERENCES

[1]. Alex R Nanna, et al. Generation and validation of structurally defined antibody-siRNA conjugates. Nucleic Acids Res. 2020 Jun 4;48(10):5281-5293.

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

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