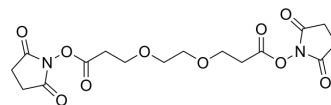


Bis-PEG2-NHS ester

Cat. No.:	HY-130088		
CAS No.:	65869-63-8		
Molecular Formula:	C ₁₆ H ₂₀ N ₂ O ₁₀		
Molecular Weight:	400.34		
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 (249.79 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4979 mL	12.4894 mL	24.9788 mL
	5 mM	0.4996 mL	2.4979 mL	4.9958 mL
	10 mM	0.2498 mL	1.2489 mL	2.4979 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 (6.24 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.24 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.24 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Bis-PEG2-NHS ester is a noncleavable 2-unit PEG linker for antibody-agent-conjugation (ADC).

IC₅₀ & Target

Non-cleavable

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

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