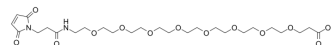


Mal-amido-PEG8-C2-acid

Cat. No.:	HY-101159
CAS No.:	1334177-86-4
Molecular Formula:	C ₂₆ H ₄₄ N ₂ O ₁₃
Molecular Weight:	592.63
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Pure form -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (421.85 mM; Need ultrasonic)
Ethanol : 100 mg/mL (168.74 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6874 mL	8.4370 mL	16.8739 mL
5 mM	0.3375 mL	1.6874 mL	3.3748 mL
10 mM	0.1687 mL	0.8437 mL	1.6874 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: ≥ 2.08 mg/mL (3.51 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (3.51 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (3.51 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Mal-amido-PEG8-C2-acid (example 142) is a noncleavable ADC linker, extracted from patent US2018339985^[1].

IC₅₀ & Target

Non-cleavable Linker

REFERENCES

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

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