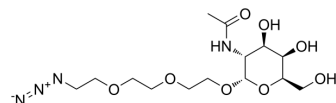


alpha-GalNAc-TEG-N3

Cat. No.:	HY-151863	
CAS No.:	882873-70-3	
Molecular Formula:	C ₁₄ H ₂₆ N ₄ O ₈	
Molecular Weight:	378.38	
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

H₂O : 125 mg/mL (330.36 mM; Need ultrasonic)
 DMSO : 100 mg/mL (264.28 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6428 mL	13.2142 mL	26.4285 mL
	5 mM	0.5286 mL	2.6428 mL	5.2857 mL
	10 mM	0.2643 mL	1.3214 mL	2.6428 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 (6.61 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.61 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.61 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

alpha-GalNAc-TEG-N3 is a click chemistry reagent. Click chemistry has great potential for use in binding between nucleic acids, lipids, proteins, and other molecules, and has been used in many research fields because of its beneficial characteristics, including high yield, high specificity, and simplicity^[1].

REFERENCES

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

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