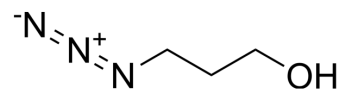


3-Azidopropanol

Cat. No.:	HY-151851		
CAS No.:	72320-38-8		
Molecular Formula:	C ₃ H ₇ N ₃ O		
Molecular Weight:	101.11		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (989.02 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	9.8902 mL	49.4511 mL	98.9022 mL
	5 mM	1.9780 mL	9.8902 mL	19.7804 mL
	10 mM	0.9890 mL	4.9451 mL	9.8902 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 (24.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (24.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (24.73 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3-Azidopropanol is a click chemistry reagent containing an azide group. 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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