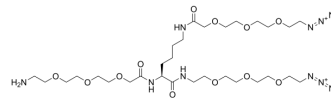


## Amine-PEG3-Lys(PEG3-N3)-PEG3-N3

Cat. No.:	HY-153672		
CAS No.:	2244602-35-3		
Molecular Formula:	C <sub>30</sub> H <sub>58</sub> N <sub>10</sub> O <sub>12</sub>		
Molecular Weight:	750.84		
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 (133.18 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3318 mL	6.6592 mL	13.3184 mL
5 mM	0.2664 mL	1.3318 mL	2.6637 mL
10 mM	0.1332 mL	0.6659 mL	1.3318 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Amine-PEG3-Lys(PEG3-N3)-PEG3-N3 (compound 5) is a branched linker that can be used in the synthesis of antibody-drug conjugates (ADCs)<sup>[1]</sup>.

### REFERENCES

[1]. Anami Y, et, al. Enzymatic conjugation using branched linkers for constructing homogeneous antibody-drug conjugates with high potency. *Org Biomol Chem*. 2017 Jul 5;15(26):5635-5642.

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

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