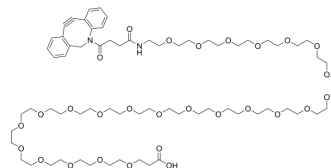


## DBCO-PEG24-acid

Cat. No.:	HY-151820
CAS No.:	2765066-36-0
Molecular Formula:	C <sub>70</sub> H <sub>116</sub> N <sub>2</sub> O <sub>28</sub>
Molecular Weight:	1433.67
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

DBCO-PEG24-acid is a click chemistry reagent. DBCO-PEG24-acid is an analog of DBCO-Acid with PEG linker and a DBCO group. The DBCO groups is commonly used for copper-free Click Chemistry reactions due to its strain promoted high energy. The hydrophilic PEG chain allows for increased water solubility. The terminal carboxylic acid can react with primary amine groups in the presence of activators (e.g. EDC, or HATU) to form a stable amide bond. Reagent grade, for research use only<sup>[1]</sup>

### REFERENCES

[1]. Jiang X, et al. Recent applications of click chemistry in drug discovery. Expert Opin Drug Discov. 2019 Aug;14(8):779-789.

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

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