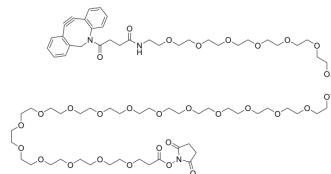


DBCO-PEG24-NHS ester

Cat. No.:	HY-151835
CAS No.:	2765066-38-2
Molecular Formula:	C ₇₄ H ₁₁₉ N ₃ O ₃₀
Molecular Weight:	1530.74
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

DBCO-PEG24-NHS ester is a click chemistry reagent. DBCO-PEG24-NHS ester is a click chemistry PEG reagent containing NHS ester that is able to react specifically and efficiently with primary amines (e.g. the side chain of lysine residues or aminosilane-coated surfaces) at neutral or slightly basic condition to form a covalent bond. The hydrophilic PEG spacer arm improves water solubility and provides a long and flexible connection that minimizes steric hindrance involved with ligation. DBCO is commonly used for copper-free Click Chemistry reactions. Reagent grade, for research use only^[1].

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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