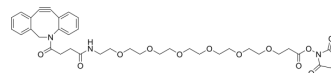


DBCO-PEG6-NHS ester

Cat. No.:	HY-160773
Molecular Formula:	C ₃₈ H ₄₇ N ₃ O ₁₂
Molecular Weight:	737.79
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DBCO-PEG6-NHS ester is a click chemistry PEG reagent containing an NHS ester that reacts specifically with primary amines, such as side chains of lysine residues or aminosilane-coated surfaces, under neutral or slightly alkaline conditions. , efficient reaction to form covalent bonds. DBCO-PEG6-NHS ester also contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups^[1].

REFERENCES

[1]. Zimmerman ES, et al. Production of site-specific antibody-drug conjugates using optimized non-natural amino acids in a cell-free expression system. *Bioconjug Chem.* 2014 Feb 19;25(2):351-61.

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

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