Sulfo DBCO-PEG3-acid

Cat. No.:	HY-151821
CAS No.:	2566404-75-7
Molecular Formula:	$C_{31}H_{37}N_3O_{11}S$
Molecular Weight:	659.7
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.
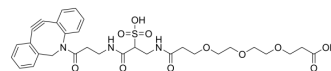
BIOLOGICAL ACTIVITY

Description	Sulfo DBCO-PEG3-acid is a click chemistry reagent containing an azide group. Sulfo DBCO-PEG3-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 and sulfo group increase 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[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.

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