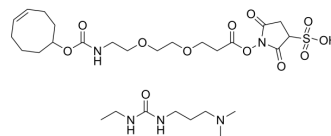


## TCO-PEG2-Sulfo-NHS ester-EDC Urea

Cat. No.:	HY-151769
CAS No.:	2353409-48-8
Molecular Formula:	C <sub>28</sub> H <sub>49</sub> N <sub>5</sub> O <sub>12</sub> S
Molecular Weight:	679.78
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

TCO-PEG2-Sulfo-NHS ester-EDC Urea is a click chemistry reagent containing an azide group. TCO-PEG2-Sulfo-NHS ester is a PEG linker containing a TCO moiety and a sulfo-NHS ester moiety. The sulfo group makes this molecule soluble in aqueous buffer. This reagent can be used to label antibodies, proteins and other primary amine-containing macromolecules with TCO moiety. Reagent grade, for research use only<sup>[1]</sup>. TCO-PEG2-Sulfo-NHS ester-EDC Urea is a click chemistry reagent, it contains a TCO group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing Tetrazine groups.

### 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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