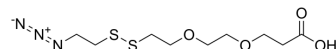


Azido-C2-SS-PEG2-C2-acid

| | |
|--------------------|---|
| Cat. No.: | HY-140101 |
| CAS No.: | 2144777-72-8 |
| Molecular Formula: | C ₉ H ₁₇ N ₃ O ₄ S ₂ |
| Molecular Weight: | 295.38 |
| 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 | Azido-C2-SS-PEG2-C2-acid is a cleavable 2 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . Azido-C2-SS-PEG2-C2-acid is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups. | |
| IC₅₀ & Target | Disulfide Cleavable Linker | Cleavable Linker |
| In Vitro | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. | |

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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