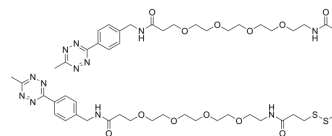


## Methyltetrazine-PEG4-SS-PEG4-methyltetrazine

<b>Cat. No.:</b>	HY-130943
<b>Molecular Formula:</b>	C <sub>48</sub> H <sub>70</sub> N <sub>12</sub> O <sub>12</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	1071.27
<b>Target:</b>	ADC Linker
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Methyltetrazine-PEG4-SS-PEG4-methyltetrazine is a cleavable 8 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> . Methyltetrazine-PEG4-SS-PEG4-methyltetrazine is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing TCO groups.	
<b>IC<sub>50</sub> &amp; Target</b>	Disulfide Cleavable Linker	Cleavable Linker
<b>In Vitro</b>	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> . 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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