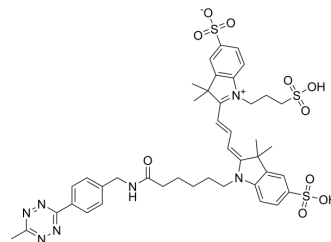


Trisulfo-Cy3 Methyltetrazine

| | |
|--------------------|---|
| Cat. No.: | HY-151691 |
| CAS No.: | 1676067-48-3 |
| Molecular Formula: | C ₄₂ H ₄₉ N ₇ O ₁₀ S ₃ |
| Molecular Weight: | 908.07 |
| 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

Trisulfo-Cy3 Methyltetrazine is a click chemistry reagent containing an methyltetrazine group. Methyltetrazine-activated Cy3 probe reacts with TCO-containing compounds via an Inverse-Electron-Demand Diels-Alder reaction to form a stable covalent bond and does not require Cu-catalyst or elevated temperatures^{[1][2]}.

REFERENCES

[1]. Cy3 Methyltetrazine.

[2]. Vera F C Ferreira, et al. In Vivo Pretargeting Based on Cysteine-Selective Antibody Modification with IEDDA Bioorthogonal Handles for Click Chemistry. *Bioconjug Chem.* 2021 Jan 20;32(1):121-132.

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

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