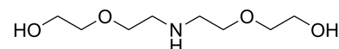


NH-bis-PEG2

| | |
|--------------------|---|
| Cat. No.: | HY-130328 |
| CAS No.: | 54384-47-3 |
| Molecular Formula: | C ₈ H ₁₉ NO ₄ |
| Molecular Weight: | 193.24 |
| Target: | ADC Linker; PROTAC Linkers |
| Pathway: | Antibody-drug Conjugate/ADC Related; PROTAC |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | | |
|---------------------------|---|------|
| Description | NH-bis-PEG2 is a non-cleavable 2 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). NH-bis-PEG2 is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs. | |
| IC ₅₀ & Target | Non-cleavable | PEGs |
| In Vitro | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins. MCE has not independently confirmed the accuracy of these methods. They are for reference only. | |

REFERENCES

[1]. Brown A, et al. PEG-lipid micelles enable cholesterol efflux in Niemann-Pick Type C1 disease-based lysosomal storage disorder. Sci Rep. 2016 Aug 30;6:31750.

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

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