Tr-PEG8-OH

Cat. No.: HY-130165

CAS No.: 1144113-16-5

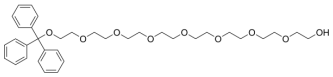
Molecular Formula: $C_{35}H_{48}O_9$

Molecular Weight: 612.75

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	Tr-PEG8-OH is a non-cleavable 8 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Tr-PEG8-OH is a PEG-based PROTAC linker 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[1]. 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[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Adam M. Wawro, et al. Multigram chromatography-free synthesis of octa(ethylene glycol) p-toluenesulfonate. ORGANIC CHEMISTRY. 2016 Jul.

[2]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA