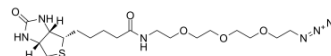


Biotin-PEG3-azide

Cat. No.:	HY-130143
CAS No.:	875770-34-6
Molecular Formula:	C ₁₈ H ₃₂ N ₆ O ₅ S
Molecular Weight:	444.55
Target:	PROTAC Linker
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Biotin-PEG3-azide is a PEG-based PROTAC linker can be used in the synthesis of PROTACs.
IC ₅₀ & Target	PEGs
In Vitro	<p>Biotin-C2-PEG3-azide is a biotin with the azide tag, it can be conjugated to antiviral inhibitors, for example, RYL-634, which shows excellent broad-spectrum inhibition activity against various pathogenic viruses, including hepatitis C virus, dengue virus, Zika virus, chikungunya virus, enterovirus^[1].</p> <p>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.</p> <p>PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.</p>

REFERENCES

[1]. Yang Y, et al. Discovery, Optimization, and Target Identification of Novel Potent Broad-Spectrum Antiviral Inhibitors. *J Med Chem.* 2019 Apr 25;62(8):4056-4073.

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

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