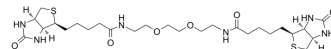


Biotin-PEG-Biotin

Cat. No.:	HY-140656A
CAS No.:	194920-55-3
Molecular Formula:	C ₂₆ H ₄₄ N ₆ O ₆ S ₂
Molecular Weight:	600.79
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Biotin-PEG-Biotin is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs^[1].

In Vitro

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]. 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.

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

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