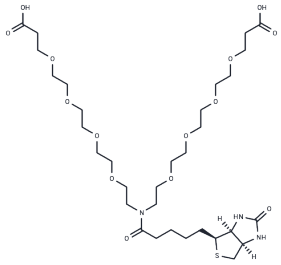
Data Sheet (Cat.No.T18388)

TargetMol
YOUR TARGET MOLECULES

N-Biotin-N-bis(PEG4-acid)

Chemical Properties



CAS No. : 1964503-35-2

Formula: C32H57N3O14S

Molecular Weight: 739.88

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	N-Biotin-N-bis(PEG4-acid) is a polyethylene glycol (PEG) derived PROTAC linker, utilized for the synthesis of PROTACs[1].
Targets(IC50)	Others
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].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3516 mL	6.7579 mL	13.5157 mL
5 mM	0.2703 mL	1.3516 mL	2.7031 mL
10 mM	0.1352 mL	0.6758 mL	1.3516 mL
50 mM	0.027 mL	0.1352 mL	0.2703 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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

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