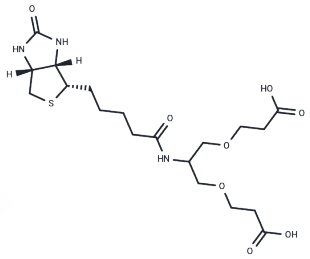
Data Sheet (Cat.No.T14014)

TargetMol

2-(Biotin-amido)-1,3-bis-(C1-PEG1-acid)

Chemical Properties



CAS No. : 2086689-02-1

Formula: C19H31N3O8S

Molecular Weight: 461.53

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	2-(Biotin-amido)-13-bis(carboxylethoxy)propane is a polyethylene glycol (PEG)-based PROteolysis TArgeting Chimera (PROTAC) linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two ligands, one targeting an E3 ubiquitin ligase and the other targeting the protein of interest, connected by a linker; they harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1667 mL	10.8335 mL	21.6671 mL
5 mM	0.4333 mL	2.1667 mL	4.3334 mL
10 mM	0.2167 mL	1.0834 mL	2.1667 mL
50 mM	0.0433 mL	0.2167 mL	0.4333 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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