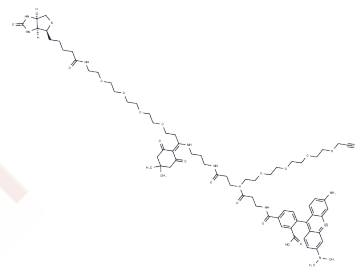


Dde Biotin-PEG4-TAMRA-PEG4 Alkyne

Chemical Properties

CAS No. :	2353409-55-7
Formula:	C72H100N9O18S
Molecular Weight:	1411.7
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Dde Biotin-PEG4-TAMRA-PEG4 Alkyne, a PEG-based PROTAC linker, facilitates PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker; one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7084 mL	3.5418 mL	7.0837 mL
5 mM	0.1417 mL	0.7084 mL	1.4167 mL
10 mM	0.0708 mL	0.3542 mL	0.7084 mL
50 mM	0.0142 mL	0.0708 mL	0.1417 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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