

(5,6)TAMRA-PEG3-Azide-PEG3-Desthiobiotin

Chemical Properties

CAS No. :

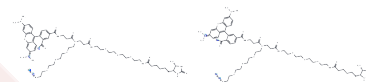
Formula: C114H162N22O28

Molecular Weight: 2288.64

Keep away from direct sunlight

Storage: 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	(5,6)TAMRA-PEG3-Azide-PEG3-Desthiobiotin is a polyethylene glycol (PEG)-based PROTAC linker used for the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins (PROTACs) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4369 mL	2.1847 mL	4.3694 mL
5 mM	0.0874 mL	0.4369 mL	0.8739 mL
10 mM	0.0437 mL	0.2185 mL	0.4369 mL
50 mM	0.0087 mL	0.0437 mL	0.0874 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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