

Carboxyrhodamine 110-PEG4-DBCO

Chemical Properties

CAS No. :

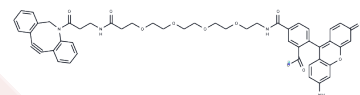
Formula: C50H49N5O10

Molecular Weight: 879.97

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	Carboxyrhodamine 110-PEG4-DBCO is a PEG-based PROTAC linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1364 mL	5.682 mL	11.364 mL
5 mM	0.2273 mL	1.1364 mL	2.2728 mL
10 mM	0.1136 mL	0.5682 mL	1.1364 mL
50 mM	0.0227 mL	0.1136 mL	0.2273 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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