

## Carboxyrhodamine 110-PEG4-alkyne

## Chemical Properties

CAS No. : 2055103-66-5

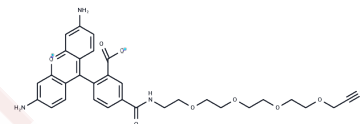
Formula: C32H33N3O8

Molecular Weight: 587.62

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-alkyne is a polyethylene glycol (PEG) derived linker utilized in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands linked together—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7018 mL	8.5089 mL	17.0178 mL
5 mM	0.3404 mL	1.7018 mL	3.4036 mL
10 mM	0.1702 mL	0.8509 mL	1.7018 mL
50 mM	0.034 mL	0.1702 mL	0.3404 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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