

PC Methyltetrazine-PEG4-NHS carbonate ester

Chemical Properties

CAS No. : 2055736-28-0

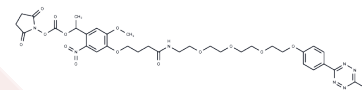
Formula: C₃₅H₄₃N₇O₁₄

Molecular Weight: 785.75

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	PC Methyltetrazine-PEG4-NHS carbonate ester is a polyethylene glycol (PEG) derived linker designed for the synthesis of Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase and the other targets the desired protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2727 mL	6.3633 mL	12.7267 mL
5 mM	0.2545 mL	1.2727 mL	2.5453 mL
10 mM	0.1273 mL	0.6363 mL	1.2727 mL
50 mM	0.0255 mL	0.1273 mL	0.2545 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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