

## NH2-PEG5-C6-Cl hydrochloride

## Chemical Properties

CAS No. :	2241669-16-7
Formula:	C16H35Cl2NO5
Molecular Weight:	392.359
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	NH2-PEG5-C6-Cl hydrochloride is a polyethylene glycol (PEG)-based linker compound, commonly used in the synthesis of proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5487 mL	12.7434 mL	25.4868 mL
5 mM	0.5097 mL	2.5487 mL	5.0974 mL
10 mM	0.2549 mL	1.2743 mL	2.5487 mL
50 mM	0.051 mL	0.2549 mL	0.5097 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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