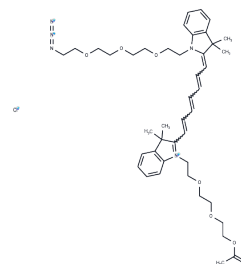


N-(Ac-PEG3)-N'-(azide-PEG3)-Cy7 chloride

Chemical Properties

CAS No. :	2107273-00-5
Formula:	C43H58ClN5O7
Molecular Weight:	792.4
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-(Ac-PEG3)-N'-(azide-PEG3)-Cy7 (chloride) is a polyethylene glycol (PEG)-based PROTAC linker suitable for synthesizing PROTACs[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.262 mL	6.3099 mL	12.6199 mL
5 mM	0.2524 mL	1.262 mL	2.524 mL
10 mM	0.1262 mL	0.631 mL	1.262 mL
50 mM	0.0252 mL	0.1262 mL	0.2524 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.

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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