

Propargyl-PEG4-O-C1-NHS ester

Chemical Properties

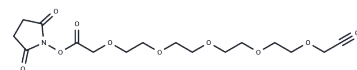
CAS No. : 1161883-51-7

Formula: C17H25NO9

Molecular Weight: 387.38

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Propargyl-PEG4-O-C1-NHS ester, also known as compound 8, is a polyethylene glycol (PEG)-based linker that serves as a reactive functional group for the synthesis of proteolysis targeting chimeras (PROTACs).
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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5814 mL	12.9072 mL	25.8144 mL
5 mM	0.5163 mL	2.5814 mL	5.1629 mL
10 mM	0.2581 mL	1.2907 mL	2.5814 mL
50 mM	0.0516 mL	0.2581 mL	0.5163 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

Kussrow A, et al. Measurement of monovalent and polyvalent carbohydrate-lectin binding by back-scattering interferometry. Anal Chem. 2009 Jun 15;81(12):4889-97.

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