

Bromoacetamido-PEG4-NHS ester

Chemical Properties

CAS No. : 1260139-70-5

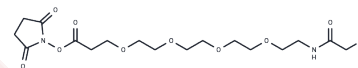
Formula: C17H27BrN2O9

Molecular Weight: 483.31

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	Bromoacetamido-PEG4-NHS ester is a PEGylated N-hydroxysuccinimide ester linker designed for PROTAC synthesis, facilitating the creation of protein-targeted chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0691 mL	10.3453 mL	20.6907 mL
5 mM	0.4138 mL	2.0691 mL	4.1381 mL
10 mM	0.2069 mL	1.0345 mL	2.0691 mL
50 mM	0.0414 mL	0.2069 mL	0.4138 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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