

Bromoacetamido-PEG2-C2-NHS ester

Chemical Properties

CAS No. : 1353011-78-5

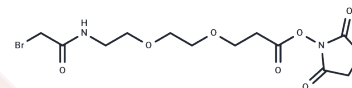
Formula: C13H19BrN2O7

Molecular Weight: 395.2

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-PEG2-C2-NHS ester is a PEGylation-based linker compound employed in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5304 mL	12.6518 mL	25.3036 mL
5 mM	0.5061 mL	2.5304 mL	5.0607 mL
10 mM	0.253 mL	1.2652 mL	2.5304 mL
50 mM	0.0506 mL	0.253 mL	0.5061 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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