

Acid-C2-PEG4-C2-NHS ester

Chemical Properties

CAS No. : 1343476-41-4

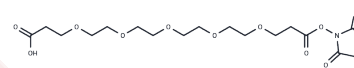
Formula: C₁₈H₂₉N₃O₁₁

Molecular Weight: 435.42

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	Acid-C2-PEG4-C2-NHS ester, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2966 mL	11.4832 mL	22.9663 mL
5 mM	0.4593 mL	2.2966 mL	4.5933 mL
10 mM	0.2297 mL	1.1483 mL	2.2966 mL
50 mM	0.0459 mL	0.2297 mL	0.4593 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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