

Bromo-PEG4-acid

Chemical Properties

CAS No. : 1393330-38-5

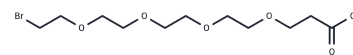
Formula: C11H21BrO6

Molecular Weight: 329.18

Storage: Keep away from direct sunlight

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	Bromo-PEG4-acid, a PEG-based linker for PROTACs, joins two essential ligands critical for forming PROTAC molecules and facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0379 mL	15.1893 mL	30.3785 mL
5 mM	0.6076 mL	3.0379 mL	6.0757 mL
10 mM	0.3038 mL	1.5189 mL	3.0379 mL
50 mM	0.0608 mL	0.3038 mL	0.6076 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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